



MINISTERIO  
DE CIENCIA E  
INNOVACIÓN



**INIA**  
Instituto Nacional de Investigación  
y Tecnología Agraria y Alimentaria  
SUBDIRECCIÓN GENERAL DE  
INVESTIGACIÓN Y TECNOLOGÍA  
CENTRO DE INVESTIGACIÓN  
EN SANIDAD ANIMAL

*Assays and activities marked with \* are not supported by ENAC accreditation*

## African Swine Fever (ASF) diagnosis and molecular characterization

**REPORT ISSUED BY THE EUROPEAN UNION REFERENCE LABORATORY FOR AFRICAN  
SWINE FEVER (EURL-ASF), INIA-CISA**

**DATE:** February 23<sup>th</sup>, 2021.

**ARRIVAL DATE TO CISA:** July 31<sup>st</sup>, 2020

**RESPONSIBLE FOR SUBMISSION:**

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**Num. ARRIVAL REGISTER CISA:** REG. 210/2020.

**TEST REQUESTED:** AFRICAN SWINE FEVER (ASF) CONFIRMATORY DIAGNOSIS AND MOLECULAR CHARACTERIZATION OF ASFV ISOLATES

**Num. SAMPLES RECEIVED:** **789 clinical samples from 348 wild boar** that included 267 tissues, 208 sera and 1 clotted blood. In addition were received 313 tissue's homogenate previously processed at the Poland's NRL (see table 1). **Table 1 → Identification of the samples TESTED**

| Table 1 → Identification of the samples received from the Poland's NRL |                                     |           |       |                             |                      |        |
|--|-------------------------------------|-----------|-------|-----------------------------|----------------------|--------|
| Sample ID<br>CISA  | Sample laboratory code <sup>1</sup> |           |       |                             |                      |        |
|  | Date of<br>sampling                 | ID animal | CASE  | Locality                    | TYPE SAMPLE RECEIVED |        |
| 1  | 28/01/2019                          | 04484/19  | CASE1 | Goldap, Warminsko-mazurskie | TISSUE               | SPLEEN |
| 2  | 28/01/2019                          | 04484/19  | CASE1 | Goldap, Warminsko-mazurskie | HOMOGENATE           | SPLEEN |
| 3  | 28/01/2019                          | 04484/19  | CASE1 | Goldap, Warminsko-mazurskie | TISSUE               | KIDNEY |
| 4  | 28/01/2019                          | 04484/19  | CASE1 | Goldap, Warminsko-mazurskie | HOMOGENATE           | KIDNEY |
| 5  | 28/01/2019                          | 04485/19  | CASE1 | Goldap, Warminsko-mazurskie | TISSUE               | SPLEEN |
| 6  | 28/01/2019                          | 04485/19  | CASE1 | Goldap, Warminsko-mazurskie | HOMOGENATE           | SPLEEN |
| 7  | 28/01/2019                          | 04485/19  | CASE1 | Goldap, Warminsko-mazurskie | TISSUE               | KIDNEY |
| 8  | 28/01/2019                          | 04485/19  | CASE1 | Goldap, Warminsko-mazurskie | HOMOGENATE           | KIDNEY |
| 9  | 28/01/2019                          | 04486/19  | CASE1 | Goldap, Warminsko-mazurskie | TISSUE               | SPLEEN |
| 10   | 28/01/2019                          | 04486/19  | CASE1 | Goldap, Warminsko-mazurskie | HOMOGENATE           | SPLEEN |
| 11   | 28/01/2019                          | 04486/19  | CASE1 | Goldap, Warminsko-mazurskie | TISSUE               | KIDNEY |
| 12   | 28/01/2019                          | 04486/19  | CASE1 | Goldap, Warminsko-mazurskie | HOMOGENATE           | KIDNEY |
| 13   | 28/01/2019                          | 04487/19  | CASE1 | Goldap, Warminsko-mazurskie | TISSUE               | SPLEEN |
| 14   | 28/01/2019                          | 04487/19  | CASE1 | Goldap, Warminsko-mazurskie | HOMOGENATE           | SPLEEN |
| 15   | 28/01/2019                          | 04487/19  | CASE1 | Goldap, Warminsko-mazurskie | TISSUE               | KIDNEY |
| 16   | 28/01/2019                          | 04487/19  | CASE1 | Goldap, Warminsko-mazurskie | HOMOGENATE           | KIDNEY |
| 17   | 28/01/2019                          | 04488/19  | CASE1 | Goldap, Warminsko-mazurskie | TISSUE               | SPLEEN |
| 18   | 28/01/2019                          | 04488/19  | CASE1 | Goldap, Warminsko-mazurskie | HOMOGENATE           | SPLEEN |



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| Sample ID<br>CISA | Sample laboratory code <sup>1</sup> |             |       |                              |            | TYPE SAMPLE RECEIVED |  |
|-------------------|-------------------------------------|-------------|-------|------------------------------|------------|----------------------|--|
|                   | Date of<br>sampling                 | ID animal   | CASE  | Locality                     |            |                      |  |
| 19                | 28/01/2019                          | 04488/19    | CASE1 | Goldap, Warminsko-mazurskie  | TISSUE     | KIDNEY               |  |
| 20                | 28/01/2019                          | 04488/19    | CASE1 | Goldap, Warminsko-mazurskie  | HOMOGENATE | KIDNEY               |  |
| 21                | 28/01/2019                          | 04483-23/19 | CASE1 | Goldap, Warminsko-mazurskie  | BLOOD      | SERUM                |  |
| 22                | 28/01/2019                          | 04483-24/19 | CASE1 | Goldap, Warminsko-mazurskie  | BLOOD      | SERUM                |  |
| 23                | 16/05/2019                          | 22956/19    | CASE2 | Gizycko, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 24                | 16/05/2019                          | 22956/19    | CASE1 | Gizycko, Warminsko-mazurskie | TISSUE     | SPLEEN               |  |
| 25                | 16/05/2019                          | 22956/19    | CASE2 | Gizycko, Warminsko-mazurskie | HOMOGENATE | SPLEEN               |  |
| 26                | 16/05/2019                          | 22956/19    | CASE2 | Gizycko, Warminsko-mazurskie | TISSUE     | LUNG                 |  |
| 27                | 16/05/2019                          | 22956/19    | CASE2 | Gizycko, Warminsko-mazurskie | HOMOGENATE | LUNG                 |  |
| 28                | 16/05/2019                          | 22957/19    | CASE2 | Gizycko, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 29                | 16/05/2019                          | 22957/19    | CASE2 | Gizycko, Warminsko-mazurskie | TISSUE     | SPLEEN               |  |
| 30                | 16/05/2019                          | 22957/19    | CASE2 | Gizycko, Warminsko-mazurskie | HOMOGENATE | SPLEEN               |  |
| 31                | 16/05/2019                          | 22957/19    | CASE2 | Gizycko, Warminsko-mazurskie | TISSUE     | LYMPH NODE           |  |
| 32                | 16/05/2019                          | 22957/19    | CASE2 | Gizycko, Warminsko-mazurskie | HOMOGENATE | LYMPH NODE           |  |
| 33                | 18/05/2019                          | 23146-12/19 | CASE2 | Gizycko, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 34                | 18/05/2019                          | 23146-15/19 | CASE2 | Gizycko, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 35                | 16/05/2019                          | 22807-2/19  | CASE2 | Gizycko, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 36                | 16/05/2019                          | 22807-3/19  | CASE2 | Gizycko, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 37                | 16/05/2019                          | 22807-5/19  | CASE2 | Gizycko, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 38                | 16/05/2019                          | 22808-1/19  | CASE2 | Gizycko, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 39                | 28/05/2019                          | 24872/19    | CASE3 | Orla, Podlaskie              | TISSUE     | SPLEEN               |  |
| 40                | 28/05/2019                          | 24872/19    | CASE3 | Orla, Podlaskie              | HOMOGENATE | SPLEEN               |  |
| 41                | 28/05/2019                          | 24872/19    | CASE3 | Orla, Podlaskie              | TISSUE     | KIDNEY               |  |
| 42                | 28/05/2019                          | 24872/19    | CASE3 | Orla, Podlaskie              | HOMOGENATE | KIDNEY               |  |
| 43                | 28/05/2019                          | 24877/19    | CASE3 | Orla, Podlaskie              | TISSUE     | SPLEEN               |  |
| 44                | 28/05/2019                          | 24877/19    | CASE3 | Orla, Podlaskie              | HOMOGENATE | SPLEEN               |  |
| 45                | 28/05/2019                          | 24877/19    | CASE3 | Orla, Podlaskie              | TISSUE     | LYMPH NODE           |  |
| 46                | 28/05/2019                          | 24877/19    | CASE3 | Orla, Podlaskie              | HOMOGENATE | LYMPH NODE           |  |
| 47                | 28/05/2019                          | 24878/19    | CASE3 | Orla, Podlaskie              | TISSUE     | SPLEEN               |  |
| 48                | 28/05/2019                          | 24878/19    | CASE3 | Orla, Podlaskie              | HOMOGENATE | SPLEEN               |  |
| 49                | 28/05/2019                          | 24878/19    | CASE3 | Orla, Podlaskie              | HOMOGENATE | LYMPH NODE           |  |
| 50                | 28/05/2019                          | 24878/19    | CASE3 | Orla, Podlaskie              | TISSUE     | KIDNEY               |  |
| 51                | 28/05/2019                          | 24878/19    | CASE3 | Orla, Podlaskie              | HOMOGENATE | KIDNEY               |  |
| 52                | 31/05/2019                          | 25852/19    | CASE3 | Orla, Podlaskie              | TISSUE     | SPLEEN               |  |
| 53                | 31/05/2019                          | 25852/19    | CASE3 | Orla, Podlaskie              | HOMOGENATE | SPLEEN               |  |
| 54                | 31/05/2019                          | 25852/19    | CASE3 | Orla, Podlaskie              | TISSUE     | LYMPH NODE           |  |
| 55                | 31/05/2019                          | 25852/19    | CASE3 | Orla, Podlaskie              | HOMOGENATE | LYMPH NODE           |  |
| 56                | 31/05/2019                          | 25852/19    | CASE3 | Orla, Podlaskie              | TISSUE     | KIDNEY               |  |
| 57                | 31/05/2019                          | 25852/19    | CASE3 | Orla, Podlaskie              | HOMOGENATE | KIDNEY               |  |
| 58                | 31/05/2019                          | 25854/19    | CASE3 | Orla, Podlaskie              | TISSUE     | SPLEEN               |  |
| 59                | 31/05/2019                          | 25854/19    | CASE3 | Orla, Podlaskie              | HOMOGENATE | SPLEEN               |  |
| 60                | 31/05/2019                          | 25859-36/19 | CASE3 | Orla, Podlaskie              | BLOOD      | SERUM                |  |
| 61                | 31/05/2019                          | 25859-46/19 | CASE3 | Orla, Podlaskie              | BLOOD      | SERUM                |  |
| 62                | 31/05/2019                          | 25859-47/19 | CASE3 | Orla, Podlaskie              | BLOOD      | SERUM                |  |
| 63                | 31/05/2019                          | 25859-48/19 | CASE3 | Orla, Podlaskie              | BLOOD      | SERUM                |  |
| 64                | 31/05/2019                          | 25859-53/19 | CASE3 | Orla, Podlaskie              | BLOOD      | SERUM                |  |
| 65                | 31/05/2019                          | 25860-1/19  | CASE3 | Orla, Podlaskie              | BLOOD      | SERUM                |  |
| 66                | 31/05/2019                          | 25860-3/19  | CASE3 | Orla, Podlaskie              | BLOOD      | SERUM                |  |
| 67                | 31/05/2019                          | 25860-4/19  | CASE3 | Orla, Podlaskie              | BLOOD      | SERUM                |  |
| 68                | 31/05/2019                          | 25860-6/19  | CASE3 | Orla, Podlaskie              | BLOOD      | SERUM                |  |
| 69                | NI                                  | 26026/19    | CASE3 | Izbica, Lubelskie            | CLOT       | CLOT                 |  |
| 70                | NI                                  | 26027/19    | CASE3 | Izbica, Lubelskie            | TISSUE     | LYMPH NODE           |  |
| 71                | NI                                  | 26027/19    | CASE3 | Izbica, Lubelskie            | HOMOGENATE | LYMPH NODE           |  |
| 72                | NI                                  | 26353/19    | CASE3 | Izbica, Lubelskie            | BLOOD      | SERUM                |  |



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| Sample ID<br>CISA | Sample laboratory code <sup>1</sup> |             |        |                                 |            | TYPE SAMPLE RECEIVED |  |
|-------------------|-------------------------------------|-------------|--------|---------------------------------|------------|----------------------|--|
|                   | Date of<br>sampling                 | ID animal   | CASE   | Locality                        |            |                      |  |
| 73                | 31/05/2019                          | 25856/19    | CASE3  | Orla, Podlaskie                 | TISSUE     | SPLEEN               |  |
| 74                | 31/05/2019                          | 25856/19    | CASE3  | Orla, Podlaskie                 | HOMOGENATE | SPLEEN               |  |
| 75                | 31/05/2019                          | 25856/19    | CASE3  | Orla, Podlaskie                 | TISSUE     | LYMPH NODE           |  |
| 76                | 31/05/2019                          | 25856/19    | CASE3  | Orla, Podlaskie                 | HOMOGENATE | LYMPH NODE           |  |
| 77                | 31/05/2019                          | 25856/19    | CASE3  | Orla, Podlaskie                 | TISSUE     | KIDNEY               |  |
| 78                | 31/05/2019                          | 25856/19    | CASE3  | Orla, Podlaskie                 | HOMOGENATE | KIDNEY               |  |
| 79                | 31/05/2019                          | 25857/19    | CASE3  | Orla, Podlaskie                 | TISSUE     | SPLEEN               |  |
| 80                | 31/05/2019                          | 25857/19    | CASE3  | Orla, Podlaskie                 | HOMOGENATE | SPLEEN               |  |
| 81                | 31/05/2019                          | 25857/19    | CASE3  | Orla, Podlaskie                 | TISSUE     | LYMPH NODE           |  |
| 82                | 31/05/2019                          | 25857/19    | CASE3  | Orla, Podlaskie                 | HOMOGENATE | LYMPH NODE           |  |
| 83                | 11/06/2019                          | 27783-1/19  | CASE5  | Bartoszyce, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 84                | 11/06/2019                          | 27785/19    | CASE5  | Bartoszyce, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 85                | 11/06/2019                          | 27785/19    | CASE5  | Bartoszyce, Warminsko-mazurskie | TISSUE     | LUNG                 |  |
| 86                | 11/06/2019                          | 27785/19    | CASE5  | Bartoszyce, Warminsko-mazurskie | HOMOGENATE | LUNG                 |  |
| 87                | 11/06/2019                          | 27785/19    | CASE5  | Bartoszyce, Warminsko-mazurskie | TISSUE     | TONSI                |  |
| 88                | 11/06/2019                          | 27785/19    | CASE5  | Bartoszyce, Warminsko-mazurskie | HOMOGENATE | TONSIL               |  |
| 89                | 16/06/2019                          | 28301-1/19  | CASE6  | Lopiennik Gorny, Lubelskie      | BLOOD      | SERUM                |  |
| 90                | 16/06/2019                          | 28301-3/19  | CASE6  | Lopiennik Gorny, Lubelskie      | BLOOD      | SERUM                |  |
| 91                | 16/06/2019                          | 28301-4/19  | CASE6  | Lopiennik Gorny, Lubelskie      | BLOOD      | SERUM                |  |
| 92                | 16/06/2019                          | 28301-5/19  | CASE6  | Lopiennik Gorny, Lubelskie      | BLOOD      | SERUM                |  |
| 93                | 16/06/2019                          | 28301-8/19  | CASE6  | Lopiennik Gorny, Lubelskie      | BLOOD      | SERUM                |  |
| 94                | 17/06/2019                          | 28412-1/19  | CASE6  | Lopiennik Gorny, Lubelskie      | BLOOD      | SERUM                |  |
| 95                | 17/06/2019                          | 28412-2/19  | CASE6  | Lopiennik Gorny, Lubelskie      | BLOOD      | SERUM                |  |
| 96                | 17/06/2019                          | 28412-11/19 | CASE6  | Lopiennik Gorny, Lubelskie      | BLOOD      | SERUM                |  |
| 97                | 17/06/2019                          | 28412-12/19 | CASE6  | Lopiennik Gorny, Lubelskie      | BLOOD      | SERUM                |  |
| 98                | 17/06/2019                          | 28412-15/19 | CASE6  | Lopiennik Gorny, Lubelskie      | BLOOD      | SERUM                |  |
| 99                | 17/06/2019                          | 28413/19    | CASE6  | Lopiennik Gorny, Lubelskie      | HOMOGENATE | TONSIL               |  |
| 100               | 18/06/2019                          | 28690-2/19  | CASE7  | Krukłanki, Warminsko-mazurskie  | BLOOD      | SERUM                |  |
| 101               | 18/06/2019                          | 28690-4/19  | CASE7  | Krukłanki, Warminsko-mazurskie  | BLOOD      | SERUM                |  |
| 102               | 24/06/2019                          | 29762/19    | CASE8  | Budry, Warminsko-mazurskie      | TISSUE     | SPLEEN               |  |
| 103               | 24/06/2019                          | 29762/19    | CASE8  | Budry, Warminsko-mazurskie      | HOMOGENATE | SPLEEN               |  |
| 104               | 24/06/2019                          | 29762/19    | CASE8  | Budry, Warminsko-mazurskie      | TISSUE     | LYMPH NODE           |  |
| 105               | 24/06/2019                          | 29762/19    | CASE8  | Budry, Warminsko-mazurskie      | HOMOGENATE | LYMPH NODE           |  |
| 106               | 24/06/2019                          | 29762/19    | CASE8  | Budry, Warminsko-mazurskie      | TISSUE     | KIDNEY               |  |
| 107               | 24/06/2019                          | 29762/19    | CASE8  | Budry, Warminsko-mazurskie      | HOMOGENATE | KIDNEY               |  |
| 108               | 24/06/2019                          | 29763/19    | CASE8  | Budry, Warminsko-mazurskie      | TISSUE     | SPLEEN               |  |
| 109               | 24/06/2019                          | 29763/19    | CASE8  | Budry, Warminsko-mazurskie      | HOMOGENATE | SPLEEN               |  |
| 110               | 24/06/2019                          | 29763/19    | CASE8  | Budry, Warminsko-mazurskie      | TISSUE     | KIDNEY               |  |
| 111               | 24/06/2019                          | 29763/19    | CASE8  | Budry, Warminsko-mazurskie      | HOMOGENATE | KIDNEY               |  |
| 112               | 24/06/2019                          | 29765/19    | CASE8  | Budry, Warminsko-mazurskie      | TISSUE     | KIDNEY               |  |
| 113               | 24/06/2019                          | 29765/19    | CASE8  | Budry, Warminsko-mazurskie      | HOMOGENATE | KIDNEY               |  |
| 114               | 25/06/2019                          | 29778/19    | CASE9  | Bartoszyce, Warminsko-mazurskie | TISSUE     | SPLEEN               |  |
| 115               | 25/06/2019                          | 29778/19    | CASE9  | Bartoszyce, Warminsko-mazurskie | HOMOGENATE | SPLEEN               |  |
| 116               | 25/06/2019                          | 29778/19    | CASE9  | Bartoszyce, Warminsko-mazurskie | TISSUE     | LYMPH NODE           |  |
| 117               | 25/06/2019                          | 29778/19    | CASE9  | Bartoszyce, Warminsko-mazurskie | HOMOGENATE | LYMPH NODE           |  |
| 118               | 25/06/2019                          | 29778/19    | CASE9  | Bartoszyce, Warminsko-mazurskie | TISSUE     | KIDNEY               |  |
| 119               | 25/06/2019                          | 29778/19    | CASE9  | Bartoszyce, Warminsko-mazurskie | HOMOGENATE | KIDNEY               |  |
| 120               | 25/06/2019                          | 29778/19    | CASE9  | Bartoszyce, Warminsko-mazurskie | TISSUE     | LUNG                 |  |
| 121               | 25/06/2019                          | 29778/19    | CASE9  | Bartoszyce, Warminsko-mazurskie | HOMOGENATE | LUNG                 |  |
| 122               | 25/06/2019                          | 29778/19    | CASE9  | Bartoszyce, Warminsko-mazurskie | TISSUE     | TONSIL               |  |
| 123               | 25/06/2019                          | 29778/19    | CASE9  | Bartoszyce, Warminsko-mazurskie | HOMOGENATE | TONSIL               |  |
| 124               | 24/06/2019                          | 29776-30/19 | CASE9  | Bartoszyce, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 125               | 24/06/2019                          | 29776-35/19 | CASE9  | Bartoszyce, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 126               | 26/06/2019                          | 30156-1/19  | CASE10 | Olecko, Warminsko-mazurskie     | TISSUE     | SPLEEN               |  |



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| Sample ID<br>CISA | Sample laboratory code <sup>1</sup> |             |        |                                 |            | TYPE SAMPLE RECEIVED |  |
|-------------------|-------------------------------------|-------------|--------|---------------------------------|------------|----------------------|--|
|                   | Date of<br>sampling                 | ID animal   | CASE   | Locality                        |            |                      |  |
| 127               | 26/06/2019                          | 30156-1/19  | CASE10 | Olecko, Warminsko-mazurskie     | HOMOGENATE | SPLEEN               |  |
| 128               | 26/06/2019                          | 30156-2/19  | CASE10 | Olecko, Warminsko-mazurskie     | TISSUE     | SPLEEN               |  |
| 129               | 26/06/2019                          | 30156-2/19  | CASE10 | Olecko, Warminsko-mazurskie     | HOMOGENATE | SPLEEN               |  |
| 130               | 26/06/2019                          | 30155-34/19 | CASE10 | Olecko, Warminsko-mazurskie     | BLOOD      | SERUM                |  |
| 131               | 01/07/2019                          | 30744/19    | CASE11 | Maciejowice, Mazowiecki         | TISSUE     | SPLEEN               |  |
| 132               | 01/07/2019                          | 30744/19    | CASE11 | Maciejowice, Mazowiecki         | HOMOGENATE | SPLEEN               |  |
| 133               | 01/07/2019                          | 30744/19    | CASE11 | Maciejowice, Mazowiecki         | TISSUE     | KIDNEY               |  |
| 134               | 01/07/2019                          | 30744/19    | CASE11 | Maciejowice, Mazowiecki         | HOMOGENATE | KIDNEY               |  |
| 135               | 01/07/2019                          | 30744/19    | CASE11 | Maciejowice, Mazowiecki         | TISSUE     | LIVER                |  |
| 136               | 01/07/2019                          | 30744/19    | CASE11 | Maciejowice, Mazowiecki         | HOMOGENATE | LIVER                |  |
| 137               | 01/07/2019                          | 30745/19    | CASE11 | Maciejowice, Mazowiecki         | TISSUE     | SPLEEN               |  |
| 138               | 01/07/2019                          | 30745/19    | CASE11 | Maciejowice, Mazowiecki         | HOMOGENATE | SPLEEN               |  |
| 139               | 01/07/2019                          | 30745/19    | CASE11 | Maciejowice, Mazowiecki         | TISSUE     | KIDNEY               |  |
| 140               | 01/07/2019                          | 30745/19    | CASE11 | Maciejowice, Mazowiecki         | HOMOGENATE | KIDNEY               |  |
| 141               | 01/07/2019                          | 30745/19    | CASE11 | Maciejowice, Mazowiecki         | TISSUE     | LIVER                |  |
| 142               | 01/07/2019                          | 30745/19    | CASE11 | Maciejowice, Mazowiecki         | HOMOGENATE | LIVER                |  |
| 143               | 27/06/2019                          | 30637/19    | CASE10 | Olecko, Warminsko-mazurskie     | TISSUE     | SPLEEN               |  |
| 144               | 27/06/2019                          | 30637/19    | CASE10 | Olecko, Warminsko-mazurskie     | HOMOGENATE | SPLEEN               |  |
| 145               | 28/06/2019                          | 30633-1/19  | CASE8  | Budry, Warminsko-mazurskie      | BLOOD      | SERUM                |  |
| 146               | 28/06/2019                          | 30633-15/19 | CASE8  | Budry, Warminsko-mazurskie      | BLOOD      | SERUM                |  |
| 147               | 28/06/2019                          | 30527-1/19  | CASE9  | Bartoszyce, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 148               | 28/06/2019                          | 30527-6/19  | CASE9  | Bartoszyce, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 149               | 02/07/2019                          | 31052/19    | CASE12 | Laskarzew, Mazowieckie          | BLOOD      | SERUM                |  |
| 150               | 02/07/2019                          | 30899-2/19  | CASE11 | Maciejowice, Mazowieck          | BLOOD      | SERUM                |  |
| 151               | 02/07/2019                          | 31322/19    | CASE13 | Kruklanki, Warminsko-mazurskie  | BLOOD      | SERUM                |  |
| 152               | 02/07/2019                          | 31322/19    | CASE13 | Kruklanki, Warminsko-mazurskie  | TISSUE     | SPLEEN               |  |
| 153               | 02/07/2019                          | 31322/19    | CASE13 | Kruklanki, Warminsko-mazurskie  | HOMOGENATE | SPLEEN               |  |
| 154               | 02/07/2019                          | 31322/19    | CASE13 | Kruklanki, Warminsko-mazurskie  | TISSUE     | LYMPH NODE           |  |
| 155               | 02/07/2019                          | 31322/19    | CASE13 | Kruklanki, Warminsko-mazurskie  | HOMOGENATE | LYMPH NODE           |  |
| 156               | 02/07/2019                          | 31322/19    | CASE13 | Kruklanki, Warminsko-mazurskie  | TISSUE     | KIDNEY               |  |
| 157               | 02/07/2019                          | 31322/19    | CASE13 | Kruklanki, Warminsko-mazurskie  | HOMOGENATE | KIDNEY               |  |
| 158               | 02/07/2019                          | 31323-1/19  | CASE13 | Kruklanki, Warminsko-mazurskie  | BLOOD      | SERUM                |  |
| 159               | 02/07/2019                          | 31323-3/19  | CASE13 | Kruklanki, Warminsko-mazurskie  | BLOOD      | SERUM                |  |
| 160               | 03/07/2019                          | 31370-15/19 | CASE12 | Laskarzew, Mazowieckie          | BLOOD      | SERUM                |  |
| 161               | 03/07/2019                          | 31370-19/19 | CASE12 | Laskarzew, Mazowieckie          | BLOOD      | SERUM                |  |
| 162               | 03/07/2019                          | 31370-23/19 | CASE12 | Laskarzew, Mazowieckie          | BLOOD      | SERUM                |  |
| 163               | 05/07/2019                          | 31746/19    | CASE14 | Budry, Warminsko-mazurskie      | TISSUE     | KIDNEY               |  |
| 164               | 05/07/2019                          | 31746/19    | CASE14 | Budry, Warminsko-mazurskie      | HOMOGENATE | KIDNEY               |  |
| 165               | 05/07/2019                          | 31746/19    | CASE14 | Budry, Warminsko-mazurskie      | TISSUE     | LUNG                 |  |
| 166               | 05/07/2019                          | 31746/19    | CASE14 | Budry, Warminsko-mazurskie      | HOMOGENATE | LUNG                 |  |
| 167               | 05/07/2019                          | 31746/19    | CASE14 | Budry, Warminsko-mazurskie      | TISSUE     | LIVER                |  |
| 168               | 05/07/2019                          | 31746/19    | CASE14 | Budry, Warminsko-mazurskie      | HOMOGENATE | LIVER                |  |
| 169               | 05/07/2019                          | 31744-3/19  | CASE14 | Budry, Warminsko-mazurskie      | BLOOD      | SERUM                |  |
| 170               | 05/07/2019                          | 31744-4/19  | CASE14 | Budry, Warminsko-mazurskie      | BLOOD      | SERUM                |  |
| 171               | 05/07/2019                          | 31744-5/19  | CASE14 | Budry, Warminsko-mazurskie      | BLOOD      | SERUM                |  |
| 172               | 05/07/2019                          | 31745/19    | CASE14 | Budry, Warminsko-mazurskie      | TISSUE     | SPLEEN               |  |
| 173               | 05/07/2019                          | 31745/19    | CASE14 | Budry, Warminsko-mazurskie      | HOMOGENATE | SPLEEN               |  |
| 174               | 05/07/2019                          | 31745/19    | CASE14 | Budry, Warminsko-mazurskie      | TISSUE     | LUNG                 |  |
| 175               | 05/07/2019                          | 31745/19    | CASE14 | Budry, Warminsko-mazurskie      | HOMOGENATE | LUNG                 |  |
| 176               | 05/07/2019                          | 31754/19    | CASE15 | Gizycko, Warminsko-mazurskie    | TISSUE     | SPLEEN               |  |
| 177               | 05/07/2019                          | 31754/19    | CASE15 | Gizycko, Warminsko-mazurskie    | HOMOGENATE | SPLEEN               |  |
| 178               | 05/07/2019                          | 31754/19    | CASE15 | Gizycko, Warminsko-mazurskie    | TISSUE     | KIDNEY               |  |
| 179               | 05/07/2019                          | 31754/19    | CASE15 | Gizycko, Warminsko-mazurskie    | HOMOGENATE | KIDNEY               |  |
| 180               | 05/07/2019                          | 31754/19    | CASE15 | Gizycko, Warminsko-mazurskie    | TISSUE     | LUNG                 |  |



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|                   | Date of<br>sampling                 | ID animal   | CASE   | Locality                       |            |                      |  |
| 181               | 05/07/2019                          | 31754/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | LUNG                 |  |
| 182               | 05/07/2019                          | 31755/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | SPLEEN               |  |
| 183               | 05/07/2019                          | 31755/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | SPLEEN               |  |
| 184               | 05/07/2019                          | 31755/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | KIDNEY               |  |
| 185               | 05/07/2019                          | 31755/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | KIDNEY               |  |
| 186               | 05/07/2019                          | 31755/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | LUNG                 |  |
| 187               | 05/07/2019                          | 31755/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | LUNG                 |  |
| 188               | 05/07/2019                          | 31756/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | SPLEEN               |  |
| 189               | 05/07/2019                          | 31756/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | SPLEEN               |  |
| 190               | 05/07/2019                          | 31756/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | KIDNEY               |  |
| 191               | 05/07/2019                          | 31756/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | KIDNEY               |  |
| 192               | 05/07/2019                          | 31756/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | LUNG                 |  |
| 193               | 05/07/2019                          | 31756/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | LUNG                 |  |
| 194               | 05/07/2019                          | 31757/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | SPLEEN               |  |
| 195               | 05/07/2019                          | 31757/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | SPLEEN               |  |
| 196               | 05/07/2019                          | 31757/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | LYMPH NODE           |  |
| 197               | 05/07/2019                          | 31757/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | LYMPH NODE           |  |
| 198               | 05/07/2019                          | 31757/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | KIDNEY               |  |
| 199               | 05/07/2019                          | 31757/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | KIDNEY               |  |
| 200               | 02/07/2019                          | 31751-5/19  | CASE13 | Kruklanki, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 201               | 02/07/2019                          | 31751-7/19  | CASE13 | Kruklanki, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 202               | 02/07/2019                          | 31752-4/19  | CASE13 | Kruklanki, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 203               | 02/07/2019                          | 31752-6/19  | CASE13 | Kruklanki, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 204               | 02/07/2019                          | 31752-7/19  | CASE13 | Kruklanki, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 205               | 08/07/2019                          | 32169-3/19  | CASE14 | Budry, Warminsko-mazurskie     | BLOOD      | SERUM                |  |
| 206               | 08/07/2019                          | 32169-4/19  | CASE14 | Budry, Warminsko-mazurskie     | BLOOD      | SERUM                |  |
| 207               | 08/07/2019                          | 32169-8/19  | CASE14 | Budry, Warminsko-mazurskie     | BLOOD      | SERUM                |  |
| 208               | 08/07/2019                          | 32169-10/19 | CASE14 | Budry, Warminsko-mazurskie     | BLOOD      | SERUM                |  |
| 209               | 08/07/2019                          | 32169-12/19 | CASE14 | Cycow, Lubelskie               | BLOOD      | SERUM                |  |
| 210               | 10/07/2019                          | 32304-3/19  | CASE16 | Budry, Warminsko-mazurskie     | BLOOD      | SERUM                |  |
| 211               | 10/07/2019                          | 32316-1/19  | CASE17 | Izbica, Lubelskie              | BLOOD      | SERUM                |  |
| 212               | 10/07/2019                          | 32316-2/19  | CASE17 | Izbica, Lubelskie              | BLOOD      | SERUM                |  |
| 213               | 10/07/2019                          | 32316-3/19  | CASE17 | Izbica, Lubelskie              | BLOOD      | SERUM                |  |
| 214               | 09/07/2019                          | 32347/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | SPLEEN               |  |
| 215               | 09/07/2019                          | 32347/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | SPLEEN               |  |
| 216               | 09/07/2019                          | 32347/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | LYMPH NODE           |  |
| 217               | 09/07/2019                          | 32347/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | LYMPH NODE           |  |
| 218               | 09/07/2019                          | 32348/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | SPLEEN               |  |
| 219               | 09/07/2019                          | 32348/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | SPLEEN               |  |
| 220               | 09/07/2019                          | 32348/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | LYMPH NODE           |  |
| 221               | 09/07/2019                          | 32348/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | LYMPH NODE           |  |
| 222               | 09/07/2019                          | 32348/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | KIDNEY               |  |
| 223               | 09/07/2019                          | 32348/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | KIDNEY               |  |
| 224               | 09/07/2019                          | 32349/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | SPLEEN               |  |
| 225               | 09/07/2019                          | 32349/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | SPLEEN               |  |
| 226               | 09/07/2019                          | 32349/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | LYMPH NODE           |  |
| 227               | 09/07/2019                          | 32349/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | LYMPH NODE           |  |
| 228               | 09/07/2019                          | 32349/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | KIDNEY               |  |
| 229               | 09/07/2019                          | 32349/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | KIDNEY               |  |
| 230               | 09/07/2019                          | 32350/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | LYMPH NODE           |  |
| 231               | 09/07/2019                          | 32350/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | LYMPH NODE           |  |
| 232               | 09/07/2019                          | 32351/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | SPLEEN               |  |
| 233               | 09/07/2019                          | 32351/19    | CASE15 | Gizycko, Warminsko-mazurskie   | HOMOGENATE | SPLEEN               |  |
| 234               | 09/07/2019                          | 32351/19    | CASE15 | Gizycko, Warminsko-mazurskie   | TISSUE     | LYMPH NODE           |  |



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|                   | Date of<br>sampling                 | ID animal    | CASE   | Locality                     |            |                      |  |
| 235               | 09/07/2019                          | 32351/19     | CASE15 | Gizycko, Warminsko-mazurskie | HOMOGENATE | LYMPH NODE           |  |
| 236               | 09/07/2019                          | 32352-102/19 | CASE15 | Gizycko, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 237               | 09/07/2019                          | 32352-106/19 | CASE15 | Gizycko, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 238               | 09/07/2019                          | 32352-107/19 | CASE15 | Gizycko, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 239               | 09/07/2019                          | 32352-109/19 | CASE15 | Gizycko, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 240               | 09/07/2019                          | 32352-110/19 | CASE15 | Gizycko, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 241               | 12/07/2019                          | 32693/19     | CASE18 | Belzec, Lubelskie            | BLOOD      | SERUM                |  |
| 242               | 15/07/2019                          | 32938/19     | CASE19 | Wohyn, Lubelskie             | TISSUE     | SPLEEN               |  |
| 243               | 15/07/2019                          | 32938/19     | CASE19 | Wohyn, Lubelskie             | HOMOGENATE | SPLEEN               |  |
| 244               | 15/07/2019                          | 32938/19     | CASE19 | Wohyn, Lubelskie             | TISSUE     | LYMPH NODE           |  |
| 245               | 15/07/2019                          | 32938/19     | CASE19 | Wohyn, Lubelskie             | HOMOGENATE | LYMPH NODE           |  |
| 246               | 15/07/2019                          | 32938/19     | CASE19 | Wohyn, Lubelskie             | TISSUE     | KIDNEY               |  |
| 247               | 15/07/2019                          | 32938/19     | CASE19 | Wohyn, Lubelskie             | HOMOGENATE | KIDNEY               |  |
| 248               | 15/07/2019                          | 32939-8/19   | CASE19 | Wohyn, Lubelskie             | BLOOD      | SERUM                |  |
| 249               | 15/07/2019                          | 32981-2/19   | CASE20 | Ceglow, Mazowieckie          | TISSUE     | SPLEEN               |  |
| 250               | 15/07/2019                          | 32981-2/19   | CASE20 | Ceglow, Mazowieckie          | HOMOGENATE | SPLEEN               |  |
| 251               | 15/07/2019                          | 32981-3/19   | CASE20 | Ceglow, Mazowieckie          | TISSUE     | SPLEEN               |  |
| 252               | 15/07/2019                          | 32981-3/19   | CASE20 | Ceglow, Mazowieckie          | HOMOGENATE | SPLEEN               |  |
| 253               | 15/07/2019                          | 32981-4/19   | CASE20 | Ceglow, Mazowieckie          | TISSUE     | SPLEEN               |  |
| 254               | 15/07/2019                          | 32981-4/19   | CASE20 | Ceglow, Mazowieckie          | HOMOGENATE | SPLEEN               |  |
| 255               | 15/07/2019                          | 32982-1/19   | CASE20 | Ceglow, Mazowieckie          | TISSUE     | KIDNEY               |  |
| 256               | 15/07/2019                          | 32982-1/19   | CASE20 | Ceglow, Mazowieckie          | HOMOGENATE | KIDNEY               |  |
| 257               | 15/07/2019                          | 32982-2/19   | CASE20 | Ceglow, Mazowieckie          | TISSUE     | KIDNEY               |  |
| 258               | 15/07/2019                          | 32982-2/19   | CASE20 | Ceglow, Mazowieckie          | HOMOGENATE | KIDNEY               |  |
| 259               | 15/07/2019                          | 32982-3/19   | CASE20 | Ceglow, Mazowieckie          | TISSUE     | KIDNEY               |  |
| 260               | 15/07/2019                          | 32982-3/19   | CASE20 | Ceglow, Mazowieckie          | HOMOGENATE | KIDNEY               |  |
| 261               | 15/07/2019                          | 32982-4/19   | CASE20 | Ceglow, Mazowieckie          | TISSUE     | KIDNEY               |  |
| 262               | 15/07/2019                          | 32982-4/19   | CASE20 | Ceglow, Mazowieckie          | HOMOGENATE | KIDNEY               |  |
| 263               | 15/07/2019                          | 32980-1/19   | CASE20 | Ceglow, Mazowieckie          | BLOOD      | SERUM                |  |
| 264               | 15/07/2019                          | 32980-6/19   | CASE20 | Ceglow, Mazowieckie          | BLOOD      | SERUM                |  |
| 265               | 15/07/2019                          | 32980-7/19   | CASE20 | Ceglow, Mazowieckie          | BLOOD      | SERUM                |  |
| 266               | 15/07/2019                          | 32980-8/19   | CASE20 | Ceglow, Mazowieckie          | BLOOD      | SERUM                |  |
| 267               | 15/07/2019                          | 32980-9/19   | CASE20 | Ceglow, Mazowieckie          | BLOOD      | SERUM                |  |
| 268               | 16/07/2019                          | 33177/19     | CASE21 | Niemce, Lubelskie            | TISSUE     | LYMPH NODE           |  |
| 269               | 16/07/2019                          | 33177/19     | CASE21 | Niemce, Lubelskie            | HOMOGENATE | LYMPH NODE           |  |
| 270               | 16/07/2019                          | 33177/19     | CASE21 | Niemce, Lubelskie            | TISSUE     | KIDNEY               |  |
| 271               | 16/07/2019                          | 33177/19     | CASE21 | Niemce, Lubelskie            | HOMOGENATE | KIDNEY               |  |
| 272               | 16/07/2019                          | 33177/19     | CASE21 | Niemce, Lubelskie            | TISSUE     | LUNG                 |  |
| 273               | 16/07/2019                          | 33177/19     | CASE21 | Niemce, Lubelskie            | HOMOGENATE | LUNG                 |  |
| 274               | 16/07/2019                          | 33177/19     | CASE21 | Niemce, Lubelskie            | TISSUE     | LIVER                |  |
| 275               | 16/07/2019                          | 33177/19     | CASE21 | Niemce, Lubelskie            | HOMOGENATE | LIVER                |  |
| 276               | 16/07/2019                          | 33176-3/19   | CASE21 | Niemce, Lubelskie            | BLOOD      | SERUM                |  |
| 277               | 16/07/2019                          | 33176-5/19   | CASE21 | Niemce, Lubelskie            | BLOOD      | SERUM                |  |
| 278               | 16/07/2019                          | 33176-6/19   | CASE21 | Niemce, Lubelskie            | BLOOD      | SERUM                |  |
| 279               | 16/07/2019                          | 33176-7/19   | CASE21 | Niemce, Lubelskie            | BLOOD      | SERUM                |  |
| 280               | 16/07/2019                          | 33176-8/19   | CASE21 | Niemce, Lubelskie            | BLOOD      | SERUM                |  |
| 281               | 18/07/2019                          | 33728-1/19   | CASE22 | Izbica, Lubelskie            | BLOOD      | SERUM                |  |
| 282               | 18/07/2019                          | 33729-12/19  | CASE22 | Izbica, Lubelskie            | BLOOD      | SERUM                |  |
| 283               | 18/07/2019                          | 33729-13/19  | CASE22 | Izbica, Lubelskie            | BLOOD      | SERUM                |  |
| 284               | 18/07/2019                          | 33729-18/19  | CASE22 | Izbica, Lubelskie            | BLOOD      | SERUM                |  |
| 285               | 18/07/2019                          | 33729-19/19  | CASE22 | Izbica, Lubelskie            | BLOOD      | SERUM                |  |
| 286               | 18/07/2019                          | 33729-26/19  | CASE22 | Izbica, Lubelskie            | BLOOD      | SERUM                |  |
| 287               | 18/07/2019                          | 33826-1/19   | CASE23 | Kock, Lubelskie              | BLOOD      | SERUM                |  |
| 288               | 18/07/2019                          | 33826-3/19   | CASE23 | Kock, Lubelskie              | BLOOD      | SERUM                |  |



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|                   | Date of<br>sampling                 | ID animal   | CASE   | Locality            |            |                      |  |
| 289               | 18/07/2019                          | 33826-4/19  | CASE23 | Kock, Lubelskie     | BLOOD      | SERUM                |  |
| 290               | 18/07/2019                          | 33826-5/19  | CASE23 | Kock, Lubelskie     | BLOOD      | SERUM                |  |
| 291               | 18/07/2019                          | 33827/19    | CASE23 | Kock, Lubelskie     | TISSUE     | SPLEEN               |  |
| 292               | 18/07/2019                          | 33827/19    | CASE23 | Kock, Lubelskie     | HOMOGENATE | SPLEEN               |  |
| 293               | 18/07/2019                          | 33827/19    | CASE23 | Kock, Lubelskie     | TISSUE     | LUNG                 |  |
| 294               | 18/07/2019                          | 33827/19    | CASE23 | Kock, Lubelskie     | HOMOGENATE | LUNG                 |  |
| 295               | 18/07/2019                          | 33828/19    | CASE23 | Kock, Lubelskie     | BLOOD      | SERUM                |  |
| 296               | 18/07/2019                          | 33828/19    | CASE23 | Kock, Lubelskie     | TISSUE     | SPLEEN               |  |
| 297               | 18/07/2019                          | 33828/19    | CASE23 | Kock, Lubelskie     | HOMOGENATE | SPLEEN               |  |
| 298               | 18/07/2019                          | 33828/19    | CASE23 | Kock, Lubelskie     | TISSUE     | KIDNEY               |  |
| 299               | 18/07/2019                          | 33828/19    | CASE23 | Kock, Lubelskie     | HOMOGENATE | KIDNEY               |  |
| 300               | 18/07/2019                          | 33828/19    | CASE23 | Kock, Lubelskie     | TISSUE     | LUNG                 |  |
| 301               | 18/07/2019                          | 33828/19    | CASE23 | Kock, Lubelskie     | HOMOGENATE | LUNG                 |  |
| 302               | 16/07/2019                          | 33749-8/19  | CASE20 | Ceglow, Mazowieckie | BLOOD      | SERUM                |  |
| 303               | 16/07/2019                          | 33749-15/19 | CASE20 | Ceglow, Mazowieckie | BLOOD      | SERUM                |  |
| 304               | 16/07/2019                          | 33749-16/19 | CASE20 | Ceglow, Mazowieckie | BLOOD      | SERUM                |  |
| 305               | 16/07/2019                          | 33749-19/19 | CASE20 | Ceglow, Mazowieckie | BLOOD      | SERUM                |  |
| 306               | 16/07/2019                          | 33749-20/19 | CASE20 | Ceglow, Mazowieckie | BLOOD      | SERUM                |  |
| 307               | 16/07/2019                          | 33750-4/19  | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | KIDNEY               |  |
| 308               | 16/07/2019                          | 33750-5/19  | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | KIDNEY               |  |
| 309               | 16/07/2019                          | 33750-7/19  | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | KIDNEY               |  |
| 310               | 16/07/2019                          | 33750-11/19 | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | KIDNEY               |  |
| 311               | 16/07/2019                          | 33751-9/19  | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | SPLEEN               |  |
| 312               | 16/07/2019                          | 33751-10/19 | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | SPLEEN               |  |
| 313               | 16/07/2019                          | 33751-12/19 | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | SPLEEN               |  |
| 314               | 16/07/2019                          | 33751-13/19 | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | SPLEEN               |  |
| 315               | 16/07/2019                          | 33751-18/19 | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | SPLEEN               |  |
| 316               | 17/07/2019                          | 33759-1/19  | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | SPLEEN               |  |
| 317               | 17/07/2019                          | 33759-2/19  | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | SPLEEN               |  |
| 318               | 17/07/2019                          | 33760/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | LYMPH NODE           |  |
| 319               | 17/07/2019                          | 33760/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | KIDNEY               |  |
| 320               | 17/07/2019                          | 33762/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | SPLEEN               |  |
| 321               | 17/07/2019                          | 33762/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | LYMPH NODE           |  |
| 322               | 17/07/2019                          | 33762/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | KIDNEY               |  |
| 323               | 17/07/2019                          | 33763/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | SPLEEN               |  |
| 324               | 17/07/2019                          | 33763/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | LYMPH NODE           |  |
| 325               | 17/07/2019                          | 33763/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | KIDNEY               |  |
| 326               | 17/07/2019                          | 33764/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | LYMPH NODE           |  |
| 327               | 17/07/2019                          | 33764/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | KIDNEY               |  |
| 328               | 17/07/2019                          | 33765/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | LYMPH NODE           |  |
| 329               | 17/07/2019                          | 33765/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | KIDNEY               |  |
| 330               | 17/07/2019                          | 33766/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | SPLEEN               |  |
| 331               | 17/07/2019                          | 33766/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | LYMPH NODE           |  |
| 332               | 17/07/2019                          | 33766/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | KIDNEY               |  |
| 333               | 17/07/2019                          | 33767/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | KIDNEY               |  |
| 334               | 17/07/2019                          | 33768/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | SPLEEN               |  |
| 335               | 17/07/2019                          | 33768/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | LYMPH NODE           |  |
| 336               | 17/07/2019                          | 33768/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | KIDNEY               |  |
| 337               | 17/07/2019                          | 33769/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | SPLEEN               |  |
| 338               | 17/07/2019                          | 33769/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | LYMPH NODE           |  |
| 339               | 17/07/2019                          | 33769/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | KIDNEY               |  |
| 340               | 17/07/2019                          | 33770/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | SPLEEN               |  |
| 341               | 17/07/2019                          | 33770/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | LYMPH NODE           |  |
| 342               | 17/07/2019                          | 33770/19    | CASE20 | Ceglow, Mazowieckie | HOMOGENATE | KIDNEY               |  |



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| Sample ID<br>CISA | Sample laboratory code <sup>1</sup> |             |        |                              |            | TYPE SAMPLE RECEIVED |  |
|-------------------|-------------------------------------|-------------|--------|------------------------------|------------|----------------------|--|
|                   | Date of<br>sampling                 | ID animal   | CASE   | Locality                     |            |                      |  |
| 343               | 17/07/2019                          | 33771/19    | CASE20 | Ceglow, Mazowieckie          | HOMOGENATE | SPLEEN               |  |
| 344               | 17/07/2019                          | 33771/19    | CASE20 | Ceglow, Mazowieckie          | HOMOGENATE | LYMPH NODE           |  |
| 345               | 17/07/2019                          | 33771/19    | CASE20 | Ceglow, Mazowieckie          | HOMOGENATE | KIDNEY               |  |
| 346               | 17/07/2019                          | 33761/19    | CASE20 | Ceglow, Mazowieckie          | HOMOGENATE | LYMPH NODE           |  |
| 347               | 17/07/2019                          | 33761/19    | CASE20 | Ceglow, Mazowieckie          | HOMOGENATE | KIDNEY               |  |
| 348               | 20/07/2019                          | 34100/19    | CASE24 | Gizycko, Warminsko-mazurskie | TISSUE     | SPLEEN               |  |
| 349               | 20/07/2019                          | 34100/19    | CASE24 | Gizycko, Warminsko-mazurskie | HOMOGENATE | SPLEEN               |  |
| 350               | 20/07/2019                          | 34100/19    | CASE24 | Gizycko, Warminsko-mazurskie | TISSUE     | LYMPH NODE           |  |
| 351               | 20/07/2019                          | 34100/19    | CASE24 | Gizycko, Warminsko-mazurskie | HOMOGENATE | LYMPH NODE           |  |
| 352               | 20/07/2019                          | 34100/19    | CASE24 | Gizycko, Warminsko-mazurskie | TISSUE     | KIDNEY               |  |
| 353               | 20/07/2019                          | 34100/19    | CASE24 | Gizycko, Warminsko-mazurskie | HOMOGENATE | KIDNEY               |  |
| 354               | 20/07/2019                          | 34101/19    | CASE24 | Gizycko, Warminsko-mazurskie | TISSUE     | SPLEEN               |  |
| 355               | 20/07/2019                          | 34101/19    | CASE24 | Gizycko, Warminsko-mazurskie | HOMOGENATE | SPLEEN               |  |
| 356               | 20/07/2019                          | 34101/19    | CASE24 | Gizycko, Warminsko-mazurskie | TISSUE     | LYMPH NODE           |  |
| 357               | 20/07/2019                          | 34101/19    | CASE24 | Gizycko, Warminsko-mazurskie | HOMOGENATE | LYMPH NODE           |  |
| 358               | 20/07/2019                          | 34101/19    | CASE24 | Gizycko, Warminsko-mazurskie | TISSUE     | KIDNEY               |  |
| 359               | 20/07/2019                          | 34101/19    | CASE24 | Gizycko, Warminsko-mazurskie | HOMOGENATE | KIDNEY               |  |
| 360               | 21/07/2019                          | 34151-2/19  | CASE25 | Jablonna Lacka, Mazowieckie  | BLOOD      | SERUM                |  |
| 361               | 21/07/2019                          | 34151-3/19  | CASE25 | Jablonna Lacka, Mazowieckie  | BLOOD      | SERUM                |  |
| 362               | 21/07/2019                          | 34151-4/19  | CASE25 | Jablonna Lacka, Mazowieckie  | BLOOD      | SERUM                |  |
| 363               | 21/07/2019                          | 34152/19    | CASE25 | Jablonna Lacka, Mazowieckie  | TISSUE     | SPLEEN               |  |
| 364               | 21/07/2019                          | 34152/19    | CASE25 | Jablonna Lacka, Mazowieckie  | HOMOGENATE | SPLEEN               |  |
| 365               | 21/07/2019                          | 34152/19    | CASE25 | Jablonna Lacka, Mazowieckie  | TISSUE     | KIDNEY               |  |
| 366               | 21/07/2019                          | 34152/19    | CASE25 | Jablonna Lacka, Mazowieckie  | HOMOGENATE | KIDNEY               |  |
| 367               | 22/07/2019                          | 34248-1/19  | CASE26 | Ciechanow, Mazowieckie       | TISSUE     | SPLEEN               |  |
| 368               | 22/07/2019                          | 34248-1/19  | CASE26 | Ciechanow, Mazowieckie       | HOMOGENATE | SPLEEN               |  |
| 369               | 22/07/2019                          | 34248-2/19  | CASE26 | Ciechanow, Mazowieckie       | TISSUE     | SPLEEN               |  |
| 370               | 22/07/2019                          | 34248-2/19  | CASE26 | Ciechanow, Mazowieckie       | HOMOGENATE | SPLEEN               |  |
| 371               | 22/07/2019                          | 34248-3/19  | CASE26 | Ciechanow, Mazowieckie       | TISSUE     | SPLEEN               |  |
| 372               | 22/07/2019                          | 34248-3/19  | CASE26 | Ciechanow, Mazowieckie       | HOMOGENATE | SPLEEN               |  |
| 373               | 20/07/2019                          | 34099-8/19  | CASE24 | Gizycko, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 374               | 20/07/2019                          | 34099-10/19 | CASE24 | Gizycko, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 375               | 20/07/2019                          | 34099-15/19 | CASE24 | Gizycko, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 376               | 16/07/2019                          | 34249/19    | CASE28 | Srokowo, Warminsko-mazurskie | TISSUE     | BONE MARROW          |  |
| 377               | 16/07/2019                          | 34249/19    | CASE28 | Srokowo, Warminsko-mazurskie | HOMOGENATE | BONE MARROW          |  |
| 378               | 19/07/2019                          | 34086-1/19  | CASE22 | Izbica, Lubelskie            | BLOOD      | SERUM                |  |
| 379               | 19/07/2019                          | 34086-2/19  | CASE22 | Izbica, Lubelskie            | BLOOD      | SERUM                |  |
| 380               | 19/07/2019                          | 34096-1/19  | CASE22 | Izbica, Lubelskie            | TISSUE     | SPLEEN               |  |
| 381               | 19/07/2019                          | 34096-1/19  | CASE22 | Izbica, Lubelskie            | HOMOGENATE | SPLEEN               |  |
| 382               | 19/07/2019                          | 34096-2/19  | CASE22 | Izbica, Lubelskie            | TISSUE     | SPLEEN               |  |
| 383               | 19/07/2019                          | 34096-2/19  | CASE22 | Izbica, Lubelskie            | HOMOGENATE | SPLEEN               |  |
| 384               | 19/07/2019                          | 34096-3/19  | CASE22 | Izbica, Lubelskie            | TISSUE     | SPLEEN               |  |
| 385               | 19/07/2019                          | 34096-3/19  | CASE22 | Izbica, Lubelskie            | HOMOGENATE | SPLEEN               |  |
| 386               | 19/07/2019                          | 34096-4/19  | CASE22 | Izbica, Lubelskie            | TISSUE     | SPLEEN               |  |
| 387               | 19/07/2019                          | 34096-4/19  | CASE22 | Izbica, Lubelskie            | HOMOGENATE | SPLEEN               |  |
| 388               | 19/07/2019                          | 34096-5/19  | CASE22 | Izbica, Lubelskie            | TISSUE     | SPLEEN               |  |
| 389               | 19/07/2019                          | 34096-5/19  | CASE22 | Izbica, Lubelskie            | HOMOGENATE | SPLEEN               |  |
| 390               | 19/07/2019                          | 34097-5/19  | CASE22 | Izbica, Lubelskie            | BLOOD      | SERUM                |  |
| 391               | 19/07/2019                          | 34097-6/19  | CASE22 | Izbica, Lubelskie            | BLOOD      | SERUM                |  |
| 392               | 22/07/2019                          | 34247/19    | CASE26 | Ciechanow, Mazowieckie       | BLOOD      | SERUM                |  |
| 393               | 24/07/2019                          | 34653/19    | CASE27 | Glowaczow, Mazowieckie       | BLOOD      | SERUM                |  |
| 394               | 24/07/2019                          | 34653/19    | CASE27 | Glowaczow, Mazowieckie       | TISSUE     | LYMPH NODE           |  |
| 395               | 24/07/2019                          | 34653/19    | CASE27 | Glowaczow, Mazowieckie       | HOMOGENATE | LYMPH NODE           |  |
| 396               | 24/07/2019                          | 34653/19    | CASE27 | Glowaczow, Mazowieckie       | TISSUE     | KIDNEY               |  |





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|                   | Date of<br>sampling                 | ID animal  | CASE   | Locality                     |            |                      |  |
| 397               | 24/07/2019                          | 34653/19   | CASE27 | Glowaczow, Mazowieckie       | HOMOGENATE | KIDNEY               |  |
| 398               | 24/07/2019                          | 34654/19   | CASE27 | Glowaczow, Mazowieckie       | TISSUE     | LYMPH NODE           |  |
| 399               | 24/07/2019                          | 34654/19   | CASE27 | Glowaczow, Mazowieckie       | HOMOGENATE | LYMPH NODE           |  |
| 400               | NI                                  | 34372/19   | CASE28 | Srokowo, Warminsko-mazurskie | HOMOGENATE | BONE MARROW          |  |
| 401               | NI                                  | 34374/19   | CASE28 | Srokowo, Warminsko-mazurskie | TISSUE     | SPLEEN               |  |
| 402               | NI                                  | 34374/19   | CASE28 | Srokowo, Warminsko-mazurskie | HOMOGENATE | SPLEEN               |  |
| 403               | NI                                  | 34374/19   | CASE28 | Srokowo, Warminsko-mazurskie | TISSUE     | LIVER                |  |
| 404               | NI                                  | 34374/19   | CASE28 | Srokowo, Warminsko-mazurskie | HOMOGENATE | LIVER                |  |
| 405               | 19/07/2019                          | 34205-1/19 | CASE23 | Kock, Lubelskie              | BLOOD      | SERUM                |  |
| 406               | 19/07/2019                          | 34205-2/19 | CASE23 | Kock, Lubelskie              | BLOOD      | SERUM                |  |
| 407               | 19/07/2019                          | 34205-3/19 | CASE23 | Kock, Lubelskie              | BLOOD      | SERUM                |  |
| 408               | 19/07/2019                          | 34205-4/19 | CASE23 | Kock, Lubelskie              | BLOOD      | SERUM                |  |
| 409               | 19/07/2019                          | 34206/19   | CASE23 | Kock, Lubelskie              | TISSUE     | SPLEEN               |  |
| 410               | 19/07/2019                          | 34206/19   | CASE23 | Kock, Lubelskie              | HOMOGENATE | SPLEEN               |  |
| 411               | 19/07/2019                          | 34206/19   | CASE23 | Kock, Lubelskie              | TISSUE     | KIDNEY               |  |
| 412               | 19/07/2019                          | 34206/19   | CASE23 | Kock, Lubelskie              | HOMOGENATE | KIDNEY               |  |
| 413               | 19/07/2019                          | 34206/19   | CASE23 | Kock, Lubelskie              | TISSUE     | LUNG                 |  |
| 414               | 19/07/2019                          | 34206/19   | CASE23 | Kock, Lubelskie              | HOMOGENATE | LUNG                 |  |
| 415               | 19/07/2019                          | 34207/19   | CASE23 | Kock, Lubelskie              | TISSUE     | SPLEEN               |  |
| 416               | 19/07/2019                          | 34207/19   | CASE23 | Kock, Lubelskie              | HOMOGENATE | SPLEEN               |  |
| 417               | 19/07/2019                          | 34207/19   | CASE23 | Kock, Lubelskie              | TISSUE     | KIDNEY               |  |
| 418               | 19/07/2019                          | 34207/19   | CASE23 | Kock, Lubelskie              | HOMOGENATE | KIDNEY               |  |
| 419               | 19/07/2019                          | 34207/19   | CASE23 | Kock, Lubelskie              | TISSUE     | LUNG                 |  |
| 420               | 19/07/2019                          | 34207/19   | CASE23 | Kock, Lubelskie              | HOMOGENATE | LUNG                 |  |
| 421               | 19/07/2019                          | 34208/19   | CASE23 | Kock, Lubelskie              | TISSUE     | SPLEEN               |  |
| 422               | 19/07/2019                          | 34208/19   | CASE23 | Kock, Lubelskie              | HOMOGENATE | SPLEEN               |  |
| 423               | 19/07/2019                          | 34208/19   | CASE23 | Kock, Lubelskie              | TISSUE     | KIDNEY               |  |
| 424               | 19/07/2019                          | 34208/19   | CASE23 | Kock, Lubelskie              | HOMOGENATE | KIDNEY               |  |
| 425               | 19/07/2019                          | 34208/19   | CASE23 | Kock, Lubelskie              | TISSUE     | LUNG                 |  |
| 426               | 19/07/2019                          | 34208/19   | CASE23 | Kock, Lubelskie              | HOMOGENATE | LUNG                 |  |
| 427               | 19/07/2019                          | 34209/19   | CASE23 | Kock, Lubelskie              | TISSUE     | SPLEEN               |  |
| 428               | 19/07/2019                          | 34209/19   | CASE23 | Kock, Lubelskie              | HOMOGENATE | SPLEEN               |  |
| 429               | 19/07/2019                          | 34209/19   | CASE23 | Kock, Lubelskie              | TISSUE     | KIDNEY               |  |
| 430               | 19/07/2019                          | 34209/19   | CASE23 | Kock, Lubelskie              | HOMOGENATE | KIDNEY               |  |
| 431               | 19/07/2019                          | 34209/19   | CASE23 | Kock, Lubelskie              | TISSUE     | LUNG                 |  |
| 432               | 19/07/2019                          | 34209/19   | CASE23 | Kock, Lubelskie              | HOMOGENATE | LUNG                 |  |
| 433               | 23/07/2019                          | 34594-2/19 | CASE25 | Jablonna Lacka, Mazowieckie  | BLOOD      | SERUM                |  |
| 434               | 23/07/2019                          | 34594-3/19 | CASE25 | Jablonna Lacka, Mazowieckie  | BLOOD      | SERUM                |  |
| 435               | 23/07/2019                          | 34594-4/19 | CASE25 | Jablonna Lacka, Mazowieckie  | BLOOD      | SERUM                |  |
| 436               | 24/07/2019                          | 34655-3/19 | CASE27 | Glowaczow, Mazowieckie       | BLOOD      | SERUM                |  |
| 437               | 24/07/2019                          | 34655-4/19 | CASE27 | Glowaczow, Mazowieckie       | BLOOD      | SERUM                |  |
| 438               | 24/07/2019                          | 34655-5/19 | CASE27 | Glowaczow, Mazowieckie       | BLOOD      | SERUM                |  |
| 439               | 24/07/2019                          | 34655-6/19 | CASE27 | Glowaczow, Mazowieckie       | BLOOD      | SERUM                |  |
| 440               | 25/07/2019                          | 34862/19   | CASE29 | Wohyn, Lubelskie             | TISSUE     | SPLEEN               |  |
| 441               | 25/07/2019                          | 34862/19   | CASE29 | Wohyn, Lubelskie             | HOMOGENATE | SPLEEN               |  |
| 442               | 25/07/2019                          | 34862/19   | CASE29 | Wohyn, Lubelskie             | TISSUE     | LYMPH NODE           |  |
| 443               | 25/07/2019                          | 34862/19   | CASE29 | Wohyn, Lubelskie             | HOMOGENATE | LYMPH NODE           |  |
| 444               | 25/07/2019                          | 34862/19   | CASE29 | Wohyn, Lubelskie             | TISSUE     | KIDNEY               |  |
| 445               | 25/07/2019                          | 34862/19   | CASE29 | Wohyn, Lubelskie             | HOMOGENATE | KIDNEY               |  |
| 446               | 25/07/2019                          | 34863/19   | CASE29 | Wohyn, Lubelskie             | TISSUE     | SPLEEN               |  |
| 447               | 25/07/2019                          | 34863/19   | CASE29 | Wohyn, Lubelskie             | HOMOGENATE | SPLEEN               |  |
| 448               | 25/07/2019                          | 34863/19   | CASE29 | Wohyn, Lubelskie             | TISSUE     | LYMPH NODE           |  |
| 449               | 25/07/2019                          | 34863/19   | CASE29 | Wohyn, Lubelskie             | HOMOGENATE | LYMPH NODE           |  |
| 450               | 25/07/2019                          | 34863/19   | CASE29 | Wohyn, Lubelskie             | TISSUE     | KIDNEY               |  |



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|                   | Date of<br>sampling                 | ID animal   | CASE   | Locality                     |            |                      |  |
| 451               | 25/07/2019                          | 34863/19    | CASE29 | Wohyn, Lubelskie             | HOMOGENATE | KIDNEY               |  |
| 452               | 25/07/2019                          | 34864/19    | CASE29 | Wohyn, Lubelskie             | TISSUE     | SPLEEN               |  |
| 453               | 25/07/2019                          | 34864/19    | CASE29 | Wohyn, Lubelskie             | HOMOGENATE | SPLEEN               |  |
| 454               | 25/07/2019                          | 34864/19    | CASE29 | Wohyn, Lubelskie             | TISSUE     | LYMPH NODE           |  |
| 455               | 25/07/2019                          | 34864/19    | CASE29 | Wohyn, Lubelskie             | HOMOGENATE | LYMPH NODE           |  |
| 456               | 25/07/2019                          | 34864/19    | CASE29 | Wohyn, Lubelskie             | TISSUE     | KIDNEY               |  |
| 457               | 25/07/2019                          | 34864/19    | CASE29 | Wohyn, Lubelskie             | HOMOGENATE | KIDNEY               |  |
| 458               | 19/07/2019                          | 34210/19    | CASE23 | Kock, Lubelskie              | TISSUE     | SPLEEN               |  |
| 459               | 19/07/2019                          | 34210/19    | CASE23 | Kock, Lubelskie              | HOMOGENATE | SPLEEN               |  |
| 460               | 19/07/2019                          | 34210/19    | CASE23 | Kock, Lubelskie              | TISSUE     | KIDNEY               |  |
| 461               | 19/07/2019                          | 34210/19    | CASE23 | Kock, Lubelskie              | HOMOGENATE | KIDNEY               |  |
| 462               | 19/07/2019                          | 34210/19    | CASE23 | Kock, Lubelskie              | TISSUE     | LUNG                 |  |
| 463               | 19/07/2019                          | 34210/19    | CASE23 | Kock, Lubelskie              | HOMOGENATE | LUNG                 |  |
| 464               | 23/07/2019                          | 34707/19    | CASE24 | Gizycko, Warminsko-mazurskie | TISSUE     | SPLEEN               |  |
| 465               | 23/07/2019                          | 34707/19    | CASE24 | Gizycko, Warminsko-mazurskie | HOMOGENATE | SPLEEN               |  |
| 466               | 23/07/2019                          | 34707/19    | CASE24 | Gizycko, Warminsko-mazurskie | TISSUE     | KIDNEY               |  |
| 467               | 23/07/2019                          | 34707/19    | CASE24 | Gizycko, Warminsko-mazurskie | HOMOGENATE | KIDNEY               |  |
| 468               | 23/07/2019                          | 34708/19    | CASE24 | Gizycko, Warminsko-mazurskie | TISSUE     | SPLEEN               |  |
| 469               | 23/07/2019                          | 34708/19    | CASE24 | Gizycko, Warminsko-mazurskie | HOMOGENATE | SPLEEN               |  |
| 470               | 23/07/2019                          | 34708/19    | CASE24 | Gizycko, Warminsko-mazurskie | TISSUE     | KIDNEY               |  |
| 471               | 23/07/2019                          | 34708/19    | CASE24 | Gizycko, Warminsko-mazurskie | HOMOGENATE | KIDNEY               |  |
| 472               | 25/07/2019                          | 35158/19    | CASE30 | Ciechanow, Mazowieckie       | TISSUE     | SPLEEN               |  |
| 473               | 25/07/2019                          | 35158/19    | CASE30 | Ciechanow, Mazowieckie       | HOMOGENATE | SPLEEN               |  |
| 474               | 25/07/2019                          | 35158/19    | CASE30 | Ciechanow, Mazowieckie       | TISSUE     | LYMPH NODE           |  |
| 475               | 25/07/2019                          | 35158/19    | CASE30 | Ciechanow, Mazowieckie       | HOMOGENATE | LYMPH NODE           |  |
| 476               | 25/07/2019                          | 35159/19    | CASE30 | Ciechanow, Mazowieckie       | TISSUE     | SPLEEN               |  |
| 477               | 25/07/2019                          | 35159/19    | CASE30 | Ciechanow, Mazowieckie       | HOMOGENATE | SPLEEN               |  |
| 478               | 25/07/2019                          | 35150-1/19  | CASE27 | Glowaczow, Mazowieckie       | TISSUE     | LYMPH NODE           |  |
| 479               | 25/07/2019                          | 35150-1/19  | CASE27 | Glowaczow, Mazowieckie       | HOMOGENATE | LYMPH NODE           |  |
| 480               | 25/07/2019                          | 35150-2/19  | CASE27 | Glowaczow, Mazowieckie       | TISSUE     | LYMPH NODE           |  |
| 481               | 25/07/2019                          | 35150-2/19  | CASE27 | Glowaczow, Mazowieckie       | HOMOGENATE | LYMPH NODE           |  |
| 482               | 25/07/2019                          | 35150-3/19  | CASE27 | Glowaczow, Mazowieckie       | TISSUE     | LYMPH NODE           |  |
| 483               | 25/07/2019                          | 35150-3/19  | CASE27 | Glowaczow, Mazowieckie       | HOMOGENATE | LYMPH NODE           |  |
| 484               | 25/07/2019                          | 35150-5/19  | CASE27 | Glowaczow, Mazowieckie       | TISSUE     | LYMPH NODE           |  |
| 485               | 25/07/2019                          | 35150-5/19  | CASE27 | Glowaczow, Mazowieckie       | HOMOGENATE | LYMPH NODE           |  |
| 486               | 23/07/2019                          | 35160-1/19  | CASE26 | Ciechanow, Mazowieckie       | BLOOD      | SERUM                |  |
| 487               | 23/07/2019                          | 35160-4/19  | CASE26 | Ciechanow, Mazowieckie       | BLOOD      | SERUM                |  |
| 488               | 23/07/2019                          | 35160-7/19  | CASE26 | Ciechanow, Mazowieckie       | BLOOD      | SERUM                |  |
| 489               | 23/07/2019                          | 35160-8/19  | CASE26 | Ciechanow, Mazowieckie       | BLOOD      | SERUM                |  |
| 490               | 23/07/2019                          | 35160-14/19 | CASE26 | Ciechanow, Mazowieckie       | BLOOD      | SERUM                |  |
| 491               | 23/07/2019                          | 35164/19    | CASE26 | Ciechanow, Mazowieckie       | TISSUE     | LYMPH NODE           |  |
| 492               | 23/07/2019                          | 35164/19    | CASE26 | Ciechanow, Mazowieckie       | HOMOGENATE | LYMPH NODE           |  |
| 493               | 23/07/2019                          | 35164/19    | CASE26 | Ciechanow, Mazowieckie       | TISSUE     | KIDNEY               |  |
| 494               | 23/07/2019                          | 35164/19    | CASE26 | Ciechanow, Mazowieckie       | HOMOGENATE | KIDNEY               |  |
| 495               | 23/07/2019                          | 35165/19    | CASE26 | Ciechanow, Mazowieckie       | TISSUE     | SPLEEN               |  |
| 496               | 23/07/2019                          | 35165/19    | CASE26 | Ciechanow, Mazowieckie       | HOMOGENATE | SPLEEN               |  |
| 497               | 23/07/2019                          | 35165/19    | CASE26 | Ciechanow, Mazowieckie       | TISSUE     | LYMPH NODE           |  |
| 498               | 23/07/2019                          | 35165/19    | CASE26 | Ciechanow, Mazowieckie       | HOMOGENATE | LYMPH NODE           |  |
| 499               | 23/07/2019                          | 35165/19    | CASE26 | Ciechanow, Mazowieckie       | TISSUE     | KIDNEY               |  |
| 500               | 23/07/2019                          | 35165/19    | CASE26 | Ciechanow, Mazowieckie       | HOMOGENATE | KIDNEY               |  |
| 501               | 23/07/2019                          | 35166/19    | CASE26 | Ciechanow, Mazowieckie       | TISSUE     | SPLEEN               |  |
| 502               | 23/07/2019                          | 35166/19    | CASE26 | Ciechanow, Mazowieckie       | HOMOGENATE | SPLEEN               |  |
| 503               | 23/07/2019                          | 35166/19    | CASE26 | Ciechanow, Mazowieckie       | HOMOGENATE | LYMPH NODE           |  |
| 504               | 23/07/2019                          | 35166/19    | CASE26 | Ciechanow, Mazowieckie       | TISSUE     | KIDNEY               |  |



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|                   | Date of<br>sampling                 | ID animal   | CASE   | Locality                   |            |                      |  |
| 505               | 23/07/2019                          | 35166/19    | CASE26 | Ciechanow, Mazowieckie     | HOMOGENATE | KIDNEY               |  |
| 506               | 23/07/2019                          | 35167/19    | CASE26 | Ciechanow, Mazowieckie     | TISSUE     | SPLEEN               |  |
| 507               | 23/07/2019                          | 35167/19    | CASE26 | Ciechanow, Mazowieckie     | HOMOGENATE | SPLEEN               |  |
| 508               | 23/07/2019                          | 35167/19    | CASE26 | Ciechanow, Mazowieckie     | TISSUE     | KIDNEY               |  |
| 509               | 23/07/2019                          | 35167/19    | CASE26 | Ciechanow, Mazowieckie     | HOMOGENATE | KIDNEY               |  |
| 510               | 23/07/2019                          | 35168/19    | CASE26 | Ciechanow, Mazowieckie     | TISSUE     | SPLEEN               |  |
| 511               | 23/07/2019                          | 35168/19    | CASE26 | Ciechanow, Mazowieckie     | HOMOGENATE | SPLEEN               |  |
| 512               | 23/07/2019                          | 35168/19    | CASE26 | Ciechanow, Mazowieckie     | TISSUE     | LYMPH NODE           |  |
| 513               | 23/07/2019                          | 35168/19    | CASE26 | Ciechanow, Mazowieckie     | HOMOGENATE | LYMPH NODE           |  |
| 514               | 23/07/2019                          | 35168/19    | CASE26 | Ciechanow, Mazowieckie     | TISSUE     | KIDNEY               |  |
| 515               | 23/07/2019                          | 35168/19    | CASE26 | Ciechanow, Mazowieckie     | HOMOGENATE | KIDNEY               |  |
| 516               | 23/07/2019                          | 35169/19    | CASE26 | Ciechanow, Mazowieckie     | TISSUE     | SPLEEN               |  |
| 517               | 23/07/2019                          | 35169/19    | CASE26 | Ciechanow, Mazowieckie     | HOMOGENATE | SPLEEN               |  |
| 518               | 23/07/2019                          | 35169/19    | CASE26 | Ciechanow, Mazowieckie     | TISSUE     | LYMPH NODE           |  |
| 519               | 23/07/2019                          | 35169/19    | CASE26 | Ciechanow, Mazowieckie     | HOMOGENATE | LYMPH NODE           |  |
| 520               | 23/07/2019                          | 35169/19    | CASE26 | Ciechanow, Mazowieckie     | TISSUE     | KIDNEY               |  |
| 521               | 23/07/2019                          | 35169/19    | CASE26 | Ciechanow, Mazowieckie     | HOMOGENATE | KIDNEY               |  |
| 522               | 23/07/2019                          | 35170/19    | CASE26 | Ciechanow, Mazowieckie     | TISSUE     | SPLEEN               |  |
| 523               | 23/07/2019                          | 35170/19    | CASE26 | Ciechanow, Mazowieckie     | HOMOGENATE | SPLEEN               |  |
| 524               | 23/07/2019                          | 35170/19    | CASE26 | Ciechanow, Mazowieckie     | TISSUE     | LYMPH NODE           |  |
| 525               | 23/07/2019                          | 35170/19    | CASE26 | Ciechanow, Mazowieckie     | HOMOGENATE | LYMPH NODE           |  |
| 526               | 23/07/2019                          | 35170/19    | CASE26 | Ciechanow, Mazowieckie     | TISSUE     | KIDNEY               |  |
| 527               | 23/07/2019                          | 35170/19    | CASE26 | Ciechanow, Mazowieckie     | HOMOGENATE | KIDNEY               |  |
| 528               | 28/07/2019                          | 35336/19    | CASE33 | Ciechanow, Mazowieckie     | TISSUE     | SPLEEN               |  |
| 529               | 28/07/2019                          | 35336/19    | CASE33 | Ciechanow, Mazowieckie     | HOMOGENATE | SPLEEN               |  |
| 530               | 28/07/2019                          | 35336/19    | CASE33 | Ciechanow, Mazowieckie     | HOMOGENATE | LYMPH NODE           |  |
| 531               | 28/07/2019                          | 35336/19    | CASE33 | Ciechanow, Mazowieckie     | TISSUE     | KIDNEY               |  |
| 532               | 28/07/2019                          | 35336/19    | CASE33 | Ciechanow, Mazowieckie     | HOMOGENATE | KIDNEY               |  |
| 533               | 28/07/2019                          | 35337-1/19  | CASE33 | Wohyn, Lubelskie           | BLOOD      | SERUM                |  |
| 534               | 28/07/2019                          | 35337-3/19  | CASE33 | Wohyn, Lubelskie           | BLOOD      | SERUM                |  |
| 535               | 27/07/2019                          | 35343-47/19 | CASE31 | Budry, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 536               | 27/07/2019                          | 35343-48/19 | CASE31 | Budry, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 537               | 27/07/2019                          | 35343-52/19 | CASE31 | Budry, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 538               | 27/07/2019                          | 35343-54/19 | CASE31 | Budry, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 539               | 27/07/2019                          | 35343-59/19 | CASE31 | Budry, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 540               | 27/07/2019                          | 35345-19/19 | CASE31 | Budry, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 541               | 27/07/2019                          | 35346/19    | CASE31 | Budry, Warminsko-mazurskie | TISSUE     | SPLEEN               |  |
| 542               | 27/07/2019                          | 35346/19    | CASE31 | Budry, Warminsko-mazurskie | HOMOGENATE | SPLEEN               |  |
| 543               | 27/07/2019                          | 35346/19    | CASE31 | Budry, Warminsko-mazurskie | TISSUE     | LYMPH NODE           |  |
| 544               | 27/07/2019                          | 35346/19    | CASE31 | Budry, Warminsko-mazurskie | HOMOGENATE | LYMPH NODE           |  |
| 545               | 27/07/2019                          | 35346/19    | CASE31 | Budry, Warminsko-mazurskie | TISSUE     | KIDNEY               |  |
| 546               | 27/07/2019                          | 35346/19    | CASE31 | Budry, Warminsko-mazurskie | HOMOGENATE | KIDNEY               |  |
| 547               | 27/07/2019                          | 35347/19    | CASE31 | Budry, Warminsko-mazurskie | TISSUE     | LYMPH NODE           |  |
| 548               | 27/07/2019                          | 35347/19    | CASE31 | Budry, Warminsko-mazurskie | HOMOGENATE | LYMPH NODE           |  |
| 549               | 27/07/2019                          | 35347/19    | CASE31 | Budry, Warminsko-mazurskie | TISSUE     | KIDNEY               |  |
| 550               | 27/07/2019                          | 35347/19    | CASE31 | Budry, Warminsko-mazurskie | HOMOGENATE | KIDNEY               |  |
| 551               | 27/07/2019                          | 35348/19    | CASE31 | Budry, Warminsko-mazurskie | TISSUE     | SPLEEN               |  |
| 552               | 27/07/2019                          | 35348/19    | CASE31 | Budry, Warminsko-mazurskie | HOMOGENATE | SPLEEN               |  |
| 553               | 27/07/2019                          | 35348/19    | CASE31 | Budry, Warminsko-mazurskie | TISSUE     | KIDNEY               |  |
| 554               | 27/07/2019                          | 35348/19    | CASE31 | Budry, Warminsko-mazurskie | HOMOGENATE | KIDNEY               |  |
| 555               | 27/07/2019                          | 35349/19    | CASE31 | Budry, Warminsko-mazurskie | TISSUE     | SPLEEN               |  |
| 556               | 27/07/2019                          | 35349/19    | CASE31 | Budry, Warminsko-mazurskie | HOMOGENATE | SPLEEN               |  |
| 557               | 27/07/2019                          | 35349/19    | CASE31 | Budry, Warminsko-mazurskie | TISSUE     | LYMPH NODE           |  |
| 558               | 27/07/2019                          | 35349/19    | CASE31 | Budry, Warminsko-mazurskie | HOMOGENATE | LYMPH NODE           |  |



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|                   | Date of<br>sampling                 | ID animal   | CASE   | Locality                          |            |                      |  |
| 559               | 27/07/2019                          | 35349/19    | CASE31 | Budry, Warminsko-mazurskie        | TISSUE     | KIDNEY               |  |
| 560               | 27/07/2019                          | 35349/19    | CASE31 | Budry, Warminsko-mazurskie        | HOMOGENATE | KIDNEY               |  |
| 561               | 27/07/2019                          | 35350/19    | CASE31 | Budry, Warminsko-mazurskie        | TISSUE     | LYMPH NODE           |  |
| 562               | 27/07/2019                          | 35350/19    | CASE31 | Budry, Warminsko-mazurskie        | HOMOGENATE | LYMPH NODE           |  |
| 563               | 27/07/2019                          | 35350/19    | CASE31 | Budry, Warminsko-mazurskie        | TISSUE     | KIDNEY               |  |
| 564               | 27/07/2019                          | 35350/19    | CASE31 | Budry, Warminsko-mazurskie        | HOMOGENATE | KIDNEY               |  |
| 565               | 27/07/2019                          | 35350/19    | CASE31 | Budry, Warminsko-mazurskie        | TISSUE     | LUNG                 |  |
| 566               | 27/07/2019                          | 35350/19    | CASE31 | Budry, Warminsko-mazurskie        | HOMOGENATE | LUNG                 |  |
| 567               | 25/07/2019                          | 35351-2/19  | CASE27 | Glowaczow, Mazowieckie            | BLOOD      | SERUM                |  |
| 568               | 25/07/2019                          | 35151-5/19  | CASE27 | Glowaczow, Mazowieckie            | BLOOD      | SERUM                |  |
| 569               | 25/07/2019                          | 35151-6/19  | CASE27 | Glowaczow, Mazowieckie            | BLOOD      | SERUM                |  |
| 570               | 25/07/2019                          | 35151-7/19  | CASE27 | Glowaczow, Mazowieckie            | BLOOD      | SERUM                |  |
| 571               | 23/07/2019                          | 35162-1/19  | CASE26 | Ciechanow, Mazowieckie            | BLOOD      | SERUM                |  |
| 572               | 23/07/2019                          | 35162-12/19 | CASE26 | Ciechanow, Mazowieckie            | BLOOD      | SERUM                |  |
| 573               | 23/07/2019                          | 35162-19/19 | CASE26 | Ciechanow, Mazowieckie            | BLOOD      | SERUM                |  |
| 574               | 23/07/2019                          | 35163-3/19  | CASE26 | Ciechanow, Mazowieckie            | BLOOD      | SERUM                |  |
| 575               | NI                                  | 35246-8/19  | CASE29 | Wohyn, Lubelskie                  | BLOOD      | SERUM                |  |
| 576               | NI                                  | 35246-9/19  | CASE29 | Wohyn, Lubelskie                  | BLOOD      | SERUM                |  |
| 577               | NI                                  | 35246-13/19 | CASE29 | Wohyn, Lubelskie                  | BLOOD      | SERUM                |  |
| 578               | NI                                  | 35246-16/19 | CASE29 | Wohyn, Lubelskie                  | BLOOD      | SERUM                |  |
| 579               | NI                                  | 35246-17/19 | CASE29 | Wohyn, Lubelskie                  | BLOOD      | SERUM                |  |
| 580               | 29/07/2019                          | 35503/19    | CASE32 | Sulow, Lubelskie                  | TISSUE     | SPLEEN               |  |
| 581               | 29/07/2019                          | 35503/19    | CASE32 | Sulow, Lubelskie                  | HOMOGENATE | SPLEEN               |  |
| 582               | 29/07/2019                          | 35503/19    | CASE32 | Sulow, Lubelskie                  | TISSUE     | LYMPH NODE           |  |
| 583               | 29/07/2019                          | 35503/19    | CASE32 | Sulow, Lubelskie                  | HOMOGENATE | LYMPH NODE           |  |
| 584               | 29/07/2019                          | 35504-1/19  | CASE32 | Sulow, Lubelskie                  | TISSUE     | SPLEEN               |  |
| 585               | 29/07/2019                          | 35504-1/19  | CASE32 | Sulow, Lubelskie                  | HOMOGENATE | SPLEEN               |  |
| 586               | 29/07/2019                          | 35504-2/19  | CASE32 | Sulow, Lubelskie                  | TISSUE     | SPLEEN               |  |
| 587               | 29/07/2019                          | 35504-2/19  | CASE32 | Sulow, Lubelskie                  | HOMOGENATE | SPLEEN               |  |
| 588               | 29/07/2019                          | 35504-3/19  | CASE32 | Sulow, Lubelskie                  | TISSUE     | SPLEEN               |  |
| 589               | 29/07/2019                          | 35504-3/19  | CASE32 | Sulow, Lubelskie                  | HOMOGENATE | SPLEEN               |  |
| 590               | 29/07/2019                          | 35505-1/19  | CASE32 | Sulow, Lubelskie                  | BLOOD      | SERUM                |  |
| 591               | 29/07/2019                          | 35505-2/19  | CASE32 | Sulow, Lubelskie                  | BLOOD      | SERUM                |  |
| 592               | NI                                  | 35465-23/19 | CASE33 | NI                                | BLOOD      | SERUM                |  |
| 593               | 30/07/2019                          | 35919-1/19  | CASE32 | Sulow, Lubelskie                  | BLOOD      | SERUM                |  |
| 594               | 30/07/2019                          | 35919-2/19  | CASE32 | Sulow, Lubelskie                  | BLOOD      | SERUM                |  |
| 595               | 30/07/2019                          | 35919-3/19  | CASE32 | Sulow, Lubelskie                  | BLOOD      | SERUM                |  |
| 596               | 30/07/2019                          | 35919-4/19  | CASE32 | Sulow, Lubelskie                  | BLOOD      | SERUM                |  |
| 597               | 03/08/2019                          | 36389/19    | CASE35 | Sulow, Lubelskie                  | TISSUE     | SPLEEN               |  |
| 598               | 03/08/2019                          | 36389/19    | CASE35 | Sulow, Lubelskie                  | HOMOGENATE | SPLEEN               |  |
| 599               | 05/08/2019                          | 36392/19    | CASE35 | Belzec, Lubelskie                 | TISSUE     | SPLEEN               |  |
| 600               | 05/08/2019                          | 36392/19    | CASE35 | Belzec, Lubelskie                 | HOMOGENATE | SPLEEN               |  |
| 601               | 05/08/2019                          | 36392/19    | CASE35 | Belzec, Lubelskie                 | TISSUE     | LYMPH NODE           |  |
| 602               | 05/08/2019                          | 36392/19    | CASE35 | Belzec, Lubelskie                 | HOMOGENATE | LYMPH NODE           |  |
| 603               | 05/08/2019                          | 36392/19    | CASE35 | Belzec, Lubelskie                 | TISSUE     | KIDNEY               |  |
| 604               | 05/08/2019                          | 36392/19    | CASE35 | Belzec, Lubelskie                 | HOMOGENATE | KIDNEY               |  |
| 605               | 05/08/2019                          | 36393-1/19  | CASE35 | Belzec, Lubelskie                 | BLOOD      | SERUM                |  |
| 606               | 01/08/2019                          | 36239-51/19 | CASE31 | Budry, Warminsko-mazurskie        | BLOOD      | SERUM                |  |
| 607               | 01/08/2019                          | 36239-53/19 | CASE31 | Budry, Warminsko-mazurskie        | BLOOD      | SERUM                |  |
| 608               | 01/08/2019                          | 36239-57/19 | CASE31 | Budry, Warminsko-mazurskie        | BLOOD      | SERUM                |  |
| 609               | 01/08/2019                          | 36239-58/19 | CASE31 | Budry, Warminsko-mazurskie        | BLOOD      | SERUM                |  |
| 610               | 03/08/2019                          | 36612/19    | CASE36 | Czerwinski nad Wisla, Mazowieckie | TISSUE     | SPLEEN               |  |
| 611               | 03/08/2019                          | 36612/19    | CASE36 | Czerwinski nad Wisla, Mazowieckie | HOMOGENATE | SPLEEN               |  |
| 612               | 03/08/2019                          | 36612/19    | CASE36 | Czerwinski nad Wisla, Mazowieckie | TISSUE     | LYMPH NODE           |  |



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|                   | Date of<br>sampling                 | ID animal   | CASE   | Locality                          |            |                      |  |
| 613               | 03/08/2019                          | 36612/19    | CASE36 | Czerwinski nad Wisla, Mazowieckie | HOMOGENATE | LYMPH NODE           |  |
| 614               | 03/08/2019                          | 36612/19    | CASE36 | Czerwinski nad Wisla, Mazowieckie | TISSUE     | KIDNEY               |  |
| 615               | 03/08/2019                          | 36612/19    | CASE36 | Czerwinski nad Wisla, Mazowieckie | HOMOGENATE | KIDNEY               |  |
| 616               | 03/08/2019                          | 36613/19    | CASE36 | Czerwinski nad Wisla, Mazowieckie | TISSUE     | SPLEEN               |  |
| 617               | 03/08/2019                          | 36613/19    | CASE36 | Czerwinski nad Wisla, Mazowieckie | HOMOGENATE | SPLEEN               |  |
| 618               | 03/08/2019                          | 36613/19    | CASE36 | Czerwinski nad Wisla, Mazowieckie | TISSUE     | LYMPH NODE           |  |
| 619               | 03/08/2019                          | 36613/19    | CASE36 | Czerwinski nad Wisla, Mazowieckie | HOMOGENATE | LYMPH NODE           |  |
| 620               | 03/08/2019                          | 36613/19    | CASE36 | Czerwinski nad Wisla, Mazowieckie | TISSUE     | KIDNEY               |  |
| 621               | 03/08/2019                          | 36613/19    | CASE36 | Czerwinski nad Wisla, Mazowieckie | HOMOGENATE | KIDNEY               |  |
| 622               | 06/08/2019                          | 36774/19    | CASE37 | Srokowo, Warminsko-mazurskie      | TISSUE     | BONE MARROW          |  |
| 623               | 06/08/2019                          | 36774/19    | CASE37 | Srokowo, Warminsko-mazurskie      | HOMOGENATE | BONE MARROW          |  |
| 624               | 06/08/2019                          | 36774/19    | CASE37 | Srokowo, Warminsko-mazurskie      | TISSUE     | SPLEEN               |  |
| 625               | 06/08/2019                          | 36774/19    | CASE37 | Srokowo, Warminsko-mazurskie      | HOMOGENATE | SPLEEN               |  |
| 626               | 06/08/2019                          | 36774/19    | CASE37 | Srokowo, Warminsko-mazurskie      | TISSUE     | LYMPH NODE           |  |
| 627               | 06/08/2019                          | 36774/19    | CASE37 | Srokowo, Warminsko-mazurskie      | HOMOGENATE | LYMPH NODE           |  |
| 628               | 06/08/2019                          | 36775/19    | CASE37 | Srokowo, Warminsko-mazurskie      | TISSUE     | BONE MARROW          |  |
| 629               | 06/08/2019                          | 36775/19    | CASE37 | Srokowo, Warminsko-mazurskie      | HOMOGENATE | BONE MARROW          |  |
| 630               | 06/08/2019                          | 36775/19    | CASE37 | Srokowo, Warminsko-mazurskie      | TISSUE     | SPLEEN               |  |
| 631               | 06/08/2019                          | 36775/19    | CASE37 | Srokowo, Warminsko-mazurskie      | HOMOGENATE | SPLEEN               |  |
| 632               | 06/08/2019                          | 36775/19    | CASE37 | Srokowo, Warminsko-mazurskie      | TISSUE     | LYMPH NODE           |  |
| 633               | 06/08/2019                          | 36775/19    | CASE37 | Srokowo, Warminsko-mazurskie      | HOMOGENATE | LYMPH NODE           |  |
| 634               | 06/08/2019                          | 36776/19    | CASE37 | Srokowo, Warminsko-mazurskie      | TISSUE     | BONE MARROW          |  |
| 635               | 06/08/2019                          | 36776/19    | CASE37 | Srokowo, Warminsko-mazurskie      | HOMOGENATE | BONE MARROW          |  |
| 636               | 06/08/2019                          | 36776/19    | CASE37 | Srokowo, Warminsko-mazurskie      | TISSUE     | SPLEEN               |  |
| 637               | 06/08/2019                          | 36776/19    | CASE37 | Srokowo, Warminsko-mazurskie      | HOMOGENATE | SPLEEN               |  |
| 638               | 06/08/2019                          | 36776/19    | CASE37 | Srokowo, Warminsko-mazurskie      | TISSUE     | LYMPH NODE           |  |
| 639               | 06/08/2019                          | 36776/19    | CASE37 | Srokowo, Warminsko-mazurskie      | HOMOGENATE | LYMPH NODE           |  |
| 640               | 06/08/2019                          | 36777/19    | CASE37 | Srokowo, Warminsko-mazurskie      | TISSUE     | BONE MARROW          |  |
| 641               | 06/08/2019                          | 36777/19    | CASE37 | Srokowo, Warminsko-mazurskie      | HOMOGENATE | BONE MARROW          |  |
| 642               | 06/08/2019                          | 36777/19    | CASE37 | Srokowo, Warminsko-mazurskie      | TISSUE     | SPLEEN               |  |
| 643               | 06/08/2019                          | 36777/19    | CASE37 | Srokowo, Warminsko-mazurskie      | HOMOGENATE | SPLEEN               |  |
| 644               | 06/08/2019                          | 36777/19    | CASE37 | Srokowo, Warminsko-mazurskie      | TISSUE     | LYMPH NODE           |  |
| 645               | 06/08/2019                          | 36777/19    | CASE37 | Srokowo, Warminsko-mazurskie      | HOMOGENATE | LYMPH NODE           |  |
| 646               | 06/08/2019                          | 36771-51/19 | CASE37 | Srokowo, Warminsko-mazurskie      | BLOOD      | SERUM                |  |
| 647               | 06/08/2019                          | 36771-52/19 | CASE37 | Srokowo, Warminsko-mazurskie      | BLOOD      | SERUM                |  |
| 648               | 06/08/2019                          | 36771-53/19 | CASE37 | Srokowo, Warminsko-mazurskie      | BLOOD      | SERUM                |  |
| 649               | 06/08/2019                          | 36771-54/19 | CASE37 | Srokowo, Warminsko-mazurskie      | BLOOD      | SERUM                |  |
| 650               | 06/08/2019                          | 36771-56/19 | CASE37 | Srokowo, Warminsko-mazurskie      | BLOOD      | SERUM                |  |
| 651               | 06/08/2019                          | 36859-1/19  | CASE34 | Belzec, Lubelskie                 | BLOOD      | SERUM                |  |
| 652               | 06/08/2019                          | 36859-2/19  | CASE34 | Belzec, Lubelskie                 | BLOOD      | SERUM                |  |
| 653               | 06/08/2019                          | 36860/19    | CASE34 | Belzec, Lubelskie                 | TISSUE     | SPLEEN               |  |
| 654               | 06/08/2019                          | 36860/19    | CASE34 | Belzec, Lubelskie                 | HOMOGENATE | SPLEEN               |  |
| 655               | 06/08/2019                          | 36860/19    | CASE34 | Belzec, Lubelskie                 | TISSUE     | LYMPH NODE           |  |
| 656               | 06/08/2019                          | 36860/19    | CASE34 | Belzec, Lubelskie                 | HOMOGENATE | LYMPH NODE           |  |
| 657               | 06/08/2019                          | 36860/19    | CASE34 | Belzec, Lubelskie                 | TISSUE     | KIDNEY               |  |
| 658               | 06/08/2019                          | 36860/19    | CASE34 | Belzec, Lubelskie                 | HOMOGENATE | KIDNEY               |  |
| 659               | 08/08/2019                          | 37376/19    | CASE38 | Budry, Warminsko-mazurskie        | TISSUE     | BONE MARROW          |  |
| 660               | 08/08/2019                          | 37376/19    | CASE38 | Budry, Warminsko-mazurskie        | HOMOGENATE | BONE MARROW          |  |
| 661               | 08/08/2019                          | 37376/19    | CASE38 | Budry, Warminsko-mazurskie        | TISSUE     | SPLEEN               |  |
| 662               | 08/08/2019                          | 37376/19    | CASE38 | Budry, Warminsko-mazurskie        | HOMOGENATE | SPLEEN               |  |
| 663               | 08/08/2019                          | 37376/19    | CASE38 | Budry, Warminsko-mazurskie        | TISSUE     | LYMPH NODE           |  |
| 664               | 08/08/2019                          | 37376/19    | CASE38 | Budry, Warminsko-mazurskie        | HOMOGENATE | LYMPH NODE           |  |
| 665               | 08/08/2019                          | 37376/19    | CASE38 | Budry, Warminsko-mazurskie        | TISSUE     | KIDNEY               |  |
| 666               | 08/08/2019                          | 37376/19    | CASE38 | Budry, Warminsko-mazurskie        | HOMOGENATE | KIDNEY               |  |



**Assays and activities marked with \* are not supported by ENAC accreditation**

| Sample ID<br>CISA | Sample laboratory code <sup>1</sup> |             |        |                              |            | TYPE SAMPLE RECEIVED |  |
|-------------------|-------------------------------------|-------------|--------|------------------------------|------------|----------------------|--|
|                   | Date of<br>sampling                 | ID animal   | CASE   | Locality                     |            |                      |  |
| 667               | 08/08/2019                          | 37374-59/19 | CASE37 | Srokowo, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 668               | 13/08/2019                          | 38128/19    | CASE38 | Budry, Warminsko-mazurskie   | TISSUE     | SPLEEN               |  |
| 669               | 13/08/2019                          | 38128/19    | CASE38 | Budry, Warminsko-mazurskie   | HOMOGENATE | SPLEEN               |  |
| 670               | 13/08/2019                          | 38128/19    | CASE38 | Budry, Warminsko-mazurskie   | TISSUE     | KIDNEY               |  |
| 671               | 13/08/2019                          | 38128/19    | CASE38 | Budry, Warminsko-mazurskie   | HOMOGENATE | KIDNEY               |  |
| 672               | 13/08/2019                          | 38128/19    | CASE38 | Budry, Warminsko-mazurskie   | TISSUE     | LUNG                 |  |
| 673               | 13/08/2019                          | 38128/19    | CASE38 | Budry, Warminsko-mazurskie   | HOMOGENATE | LUNG                 |  |
| 674               | 13/08/2019                          | 38129-1/19  | CASE41 | Paslek, Warminsko-mazurskie  | BLOOD      | SERUM                |  |
| 675               | 13/08/2019                          | 38129-8/19  | CASE41 | Paslek, Warminsko-mazurskie  | BLOOD      | SERUM                |  |
| 676               | 13/08/2019                          | 38130/19    | CASE41 | Paslek, Warminsko-mazurskie  | TISSUE     | SPLEEN               |  |
| 677               | 13/08/2019                          | 38130/19    | CASE41 | Paslek, Warminsko-mazurskie  | HOMOGENATE | SPLEEN               |  |
| 678               | 13/08/2019                          | 38130/19    | CASE41 | Paslek, Warminsko-mazurskie  | TISSUE     | LYMPH NODE           |  |
| 679               | 13/08/2019                          | 38130/19    | CASE41 | Paslek, Warminsko-mazurskie  | HOMOGENATE | LYMPH NODE           |  |
| 680               | 13/08/2019                          | 38130/19    | CASE41 | Paslek, Warminsko-mazurskie  | TISSUE     | KIDNEY               |  |
| 681               | 13/08/2019                          | 38130/19    | CASE41 | Paslek, Warminsko-mazurskie  | HOMOGENATE | KIDNEY               |  |
| 682               | 13/08/2019                          | 38130/19    | CASE41 | Paslek, Warminsko-mazurskie  | TISSUE     | LUNG                 |  |
| 683               | 13/08/2019                          | 38130/19    | CASE41 | Paslek, Warminsko-mazurskie  | HOMOGENATE | LUNG                 |  |
| 684               | 13/08/2019                          | 38130/19    | CASE41 | Paslek, Warminsko-mazurskie  | TISSUE     | TONSIL               |  |
| 685               | 13/08/2019                          | 38130/19    | CASE41 | Paslek, Warminsko-mazurskie  | HOMOGENATE | TONSIL               |  |
| 686               | 13/08/2019                          | 38131/19    | CASE41 | Paslek, Warminsko-mazurskie  | TISSUE     | SPLEEN               |  |
| 687               | 13/08/2019                          | 38131/19    | CASE41 | Paslek, Warminsko-mazurskie  | HOMOGENATE | SPLEEN               |  |
| 688               | 13/08/2019                          | 38131/19    | CASE41 | Paslek, Warminsko-mazurskie  | TISSUE     | LYMPH NODE           |  |
| 689               | 13/08/2019                          | 38131/19    | CASE41 | Paslek, Warminsko-mazurskie  | HOMOGENATE | LYMPH NODE           |  |
| 690               | 13/08/2019                          | 38131/19    | CASE41 | Paslek, Warminsko-mazurskie  | TISSUE     | KIDNEY               |  |
| 691               | 13/08/2019                          | 38131/19    | CASE41 | Paslek, Warminsko-mazurskie  | HOMOGENATE | KIDNEY               |  |
| 692               | 13/08/2019                          | 38131/19    | CASE41 | Paslek, Warminsko-mazurskie  | TISSUE     | LUNG                 |  |
| 693               | 13/08/2019                          | 38131/19    | CASE41 | Paslek, Warminsko-mazurskie  | HOMOGENATE | LUNG                 |  |
| 694               | 13/08/2019                          | 38131/19    | CASE41 | Paslek, Warminsko-mazurskie  | TISSUE     | TONSIL               |  |
| 695               | 13/08/2019                          | 38131/19    | CASE41 | Paslek, Warminsko-mazurskie  | HOMOGENATE | TONSIL               |  |
| 696               | 13/08/2019                          | 38132/19    | CASE40 | Paslek, Warminsko-mazurskie  | TISSUE     | SPLEEN               |  |
| 697               | 13/08/2019                          | 38132/19    | CASE40 | Paslek, Warminsko-mazurskie  | HOMOGENATE | SPLEEN               |  |
| 698               | 13/08/2019                          | 38132/19    | CASE40 | Paslek, Warminsko-mazurskie  | TISSUE     | LYMPH NODE           |  |
| 699               | 13/08/2019                          | 38132/19    | CASE40 | Paslek, Warminsko-mazurskie  | HOMOGENATE | LYMPH NODE           |  |
| 700               | 13/08/2019                          | 38132/19    | CASE40 | Paslek, Warminsko-mazurskie  | TISSUE     | KIDNEY               |  |
| 701               | 13/08/2019                          | 38132/19    | CASE40 | Paslek, Warminsko-mazurskie  | HOMOGENATE | KIDNEY               |  |
| 702               | 13/08/2019                          | 38132/19    | CASE40 | Paslek, Warminsko-mazurskie  | TISSUE     | LUNG                 |  |
| 703               | 13/08/2019                          | 38132/19    | CASE40 | Paslek, Warminsko-mazurskie  | HOMOGENATE | LUNG                 |  |
| 704               | 13/08/2019                          | 38132/19    | CASE40 | Paslek, Warminsko-mazurskie  | TISSUE     | TONSIL               |  |
| 705               | 13/08/2019                          | 38132/19    | CASE40 | Paslek, Warminsko-mazurskie  | HOMOGENATE | TONSIL               |  |
| 706               | 13/08/2019                          | 38133/19    | CASE40 | Paslek, Warminsko-mazurskie  | TISSUE     | SPLEEN               |  |
| 707               | 13/08/2019                          | 38133/19    | CASE40 | Paslek, Warminsko-mazurskie  | HOMOGENATE | SPLEEN               |  |
| 708               | 13/08/2019                          | 38133/19    | CASE40 | Paslek, Warminsko-mazurskie  | TISSUE     | LYMPH NODE           |  |
| 709               | 13/08/2019                          | 38133/19    | CASE40 | Paslek, Warminsko-mazurskie  | HOMOGENATE | LYMPH NODE           |  |
| 710               | 13/08/2019                          | 38133/19    | CASE40 | Paslek, Warminsko-mazurskie  | TISSUE     | KIDNEY               |  |
| 711               | 13/08/2019                          | 38133/19    | CASE40 | Paslek, Warminsko-mazurskie  | HOMOGENATE | KIDNEY               |  |
| 712               | 13/08/2019                          | 38133/19    | CASE40 | Paslek, Warminsko-mazurskie  | TISSUE     | LUNG                 |  |
| 713               | 13/08/2019                          | 38133/19    | CASE40 | Paslek, Warminsko-mazurskie  | HOMOGENATE | LUNG                 |  |
| 714               | 13/08/2019                          | 38133/19    | CASE40 | Paslek, Warminsko-mazurskie  | TISSUE     | TONSIL               |  |
| 715               | 13/08/2019                          | 38133/19    | CASE40 | Paslek, Warminsko-mazurskie  | HOMOGENATE | TONSIL               |  |
| 716               | 19/08/2019                          | 38400/19    | CASE42 | Wohyn, Lubelskie             | TISSUE     | SPLEEN               |  |
| 717               | 19/08/2019                          | 38400/19    | CASE42 | Wohyn, Lubelskie             | HOMOGENATE | SPLEEN               |  |
| 718               | 19/08/2019                          | 38400/19    | CASE42 | Wohyn, Lubelskie             | TISSUE     | LYMPH NODE           |  |
| 719               | 19/08/2019                          | 38400/19    | CASE42 | Wohyn, Lubelskie             | HOMOGENATE | LYMPH NODE           |  |
| 720               | 19/08/2019                          | 38401-3/19  | CASE42 | Wohyn, Lubelskie             | BLOOD      | SERUM                |  |



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|-------------------|-------------------------------------|-------------|--------|---|------------|----------------------|--|
|                   | Date of<br>sampling                 | ID animal   | CASE   | Locality                                |            |                      |  |
| 721               | 19/08/2019                          | 38401-4/19  | CASE42 | Wohyn, Lubelskie                        | BLOOD      | SERUM                |  |
| 722               | 19/08/2019                          | 38401-9/19  | CASE42 | Wohyn, Lubelskie                        | BLOOD      | SERUM                |  |
| 723               | 19/08/2019                          | 38401-16/19 | CASE42 | Wohyn, Lubelskie                        | BLOOD      | SERUM                |  |
| 724               | 19/08/2019                          | 38401-20/19 | CASE42 | Wohyn, Lubelskie                        | BLOOD      | SERUM                |  |
| 725               | 20/08/2019                          | 38797/19    | CASE43 | Belzec, Lubelskie                       | TISSUE     | LYMPH NODE           |  |
| 726               | 20/08/2019                          | 38797/19    | CASE43 | Belzec, Lubelskie                       | HOMOGENATE | LYMPH NODE           |  |
| 727               | 20/08/2019                          | 38796-2/19  | CASE43 | Belzec, Lubelskie                       | BLOOD      | SERUM                |  |
| 728               | 20/08/2019                          | 38796-5/19  | CASE43 | Belzec, Lubelskie                       | BLOOD      | SERUM                |  |
| 729               | 20/08/2019                          | 38719-8/19  | CASE42 | Wohyn, Lubelskie                        | BLOOD      | SERUM                |  |
| 730               | 20/08/2019                          | 38719-9/19  | CASE42 | Wohyn, Lubelskie                        | BLOOD      | SERUM                |  |
| 731               | 20/08/2019                          | 38719-15/19 | CASE42 | Wohyn, Lubelskie                        | BLOOD      | SERUM                |  |
| 732               | 20/08/2019                          | 38719-17/19 | CASE42 | Wohyn, Lubelskie                        | BLOOD      | SERUM                |  |
| 733               | 21/08/2019                          | 39531-13/19 | CASE44 | Bartoszyce, Warminsko-mazurskie         | BLOOD      | SERUM                |  |
| 734               | 21/08/2019                          | 39531-14/19 | CASE44 | Bartoszyce, Warminsko-mazurskie         | BLOOD      | SERUM                |  |
| 735               | 21/08/2019                          | 39531-16/19 | CASE44 | Bartoszyce, Warminsko-mazurskie         | BLOOD      | SERUM                |  |
| 736               | 21/08/2019                          | 39531-18/19 | CASE44 | Bartoszyce, Warminsko-mazurskie         | BLOOD      | SERUM                |  |
| 737               | 21/08/2019                          | 39531-20/19 | CASE44 | Bartoszyce, Warminsko-mazurskie         | BLOOD      | SERUM                |  |
| 738               | 17/08/2019                          | 38887-1/19  | CASE41 | Paslek, Warminsko- mazurskie            | BLOOD      | SERUM                |  |
| 739               | 19/08/2019                          | 39558-9/19  | CASE38 | Budry, Warminsko-mazurskie              | BLOOD      | SERUM                |  |
| 740               | 19/08/2019                          | 39558-30/19 | CASE38 | Budry, Warminsko-mazurskie              | BLOOD      | SERUM                |  |
| 741               | 19/08/2019                          | 39558-42/19 | CASE38 | Budry, Warminsko-mazurskie              | BLOOD      | SERUM                |  |
| 742               | 19/08/2019                          | 39558-58/19 | CASE38 | Budry, Warminsko-mazurskie              | BLOOD      | SERUM                |  |
| 743               | 24/08/2019                          | 40645-12/19 | CASE44 | Jeziorany, Warminsko-mazurskie          | BLOOD      | SERUM                |  |
| 744               | 24/08/2019                          | 40645-13/19 | CASE44 | Jeziorany, Warminsko-mazurskie          | BLOOD      | SERUM                |  |
| 745               | 24/08/2019                          | 40645-14/19 | CASE44 | Jeziorany, Warminsko-mazurskie          | BLOOD      | SERUM                |  |
| 746               | 24/08/2019                          | 40645-15/19 | CASE44 | Jeziorany, Warminsko-mazurskie          | BLOOD      | SERUM                |  |
| 747               | 28/08/2019                          | 40814-1/19  | CASE45 | Jeziorany, Warminsko-mazurskie          | BLOOD      | SERUM                |  |
| 748               | 28/08/2019                          | 40814-2/19  | CASE45 | Jeziorany, Warminsko-mazurskie          | BLOOD      | SERUM                |  |
| 749               | 28/08/2019                          | 40814-3/19  | CASE45 | Jeziorany, Warminsko-mazurskie          | BLOOD      | SERUM                |  |
| 750               | 28/08/2019                          | 40814-4/19  | CASE45 | Jeziorany, Warminsko-mazurskie          | BLOOD      | SERUM                |  |
| 751               | 28/08/2019                          | 40814-5/19  | CASE45 | Jeziorany, Warminsko-mazurskie          | BLOOD      | SERUM                |  |
| 752               | 28/08/2019                          | 40815/19    | CASE45 | Jeziorany, Warminsko-mazurskie          | BLOOD      | SERUM                |  |
| 753               | 28/08/2019                          | 40815/19    | CASE45 | Jeziorany, Warminsko-mazurskie          | TISSUE     | LYMPH NODE           |  |
| 754               | 28/08/2019                          | 40815/19    | CASE45 | Jeziorany, Warminsko-mazurskie          | HOMOGENATE | LYMPH NODE           |  |
| 755               | 28/08/2019                          | 40815/19    | CASE45 | Jeziorany, Warminsko-mazurskie          | TISSUE     | KIDNEY               |  |
| 756               | 28/08/2019                          | 40815/19    | CASE45 | Jeziorany, Warminsko-mazurskie          | HOMOGENATE | KIDNEY               |  |
| 757               | 28/08/2019                          | 40815/19    | CASE45 | Jeziorany, Warminsko-mazurskie          | TISSUE     | HEART                |  |
| 758               | 28/08/2019                          | 40815/19    | CASE45 | Jeziorany, Warminsko-mazurskie          | HOMOGENATE | HEART                |  |
| 759               | 22/09/2019                          | 45022/19    | CASE46 | Lidzbark Warminski, Warminsko-mazurskie | TISSUE     | SPLEEN               |  |
| 760               | 22/09/2019                          | 45022/19    | CASE46 | Lidzbark Warminski, Warminsko-mazurskie | HOMOGENATE | SPLEEN               |  |
| 761               | 22/09/2019                          | 45022/19    | CASE46 | Lidzbark Warminski, Warminsko-mazurskie | TISSUE     | KIDNEY               |  |
| 762               | 22/09/2019                          | 45022/19    | CASE46 | Lidzbark Warminski, Warminsko-mazurskie | HOMOGENATE | KIDNEY               |  |
| 763               | 22/09/2019                          | 45023/19    | CASE46 | Lidzbark Warminski, Warminsko-mazurskie | TISSUE     | SPLEEN               |  |
| 764               | 22/09/2019                          | 45023/19    | CASE46 | Lidzbark Warminski, Warminsko-mazurskie | HOMOGENATE | SPLEEN               |  |
| 765               | 22/09/2019                          | 45023/19    | CASE46 | Lidzbark Warminski, Warminsko-mazurskie | TISSUE     | KIDNEY               |  |
| 766               | 22/09/2019                          | 45023/19    | CASE46 | Lidzbark Warminski, Warminsko-mazurskie | HOMOGENATE | KIDNEY               |  |
| 767               | 22/09/2019                          | 45023/19    | CASE46 | Lidzbark Warminski, Warminsko-mazurskie | TISSUE     | LIVER                |  |
| 768               | 22/09/2019                          | 45023/19    | CASE46 | Lidzbark Warminski, Warminsko-mazurskie | HOMOGENATE | LIVER                |  |
| 769               | 22/09/2019                          | 45024/19    | CASE46 | Lidzbark Warminski, Warminsko-mazurskie | TISSUE     | KIDNEY               |  |
| 770               | 22/09/2019                          | 45024/19    | CASE46 | Lidzbark Warminski, Warminsko-mazurskie | HOMOGENATE | KIDNEY               |  |
| 771               | 22/09/2019                          | 45024/19    | CASE46 | Lidzbark Warminski, Warminsko-mazurskie | TISSUE     | LUNG                 |  |
| 772               | 22/09/2019                          | 45024/19    | CASE46 | Lidzbark Warminski, Warminsko-mazurskie | HOMOGENATE | LUNG                 |  |
| 773               | 22/09/2019                          | 45032-2/19  | CASE46 | Lidzbark Warminski, Warminsko-mazurskie | BLOOD      | SERUM                |  |
| 774               | 22/09/2019                          | 45032-4/19  | CASE46 | Lidzbark Warminski, Warminsko-mazurskie | BLOOD      | SERUM                |  |



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| Sample ID<br>CISA | Sample laboratory code <sup>1</sup> |             |        |   |                      |            |
|-------------------|-------------------------------------|-------------|--------|---|----------------------|------------|
|                   | Date of<br>sampling                 | ID animal   | CASE   | Locality                                | TYPE SAMPLE RECEIVED |            |
| 775               | 22/09/2019                          | 45032-9/19  | CASE46 | Lidzbark Warminski, Warminsko-mazurskie | BLOOD                | SERUM      |
| 776               | 22/09/2019                          | 45032-20/19 | CASE46 | Lidzbark Warminski, Warminsko-mazurskie | BLOOD                | SERUM      |
| 777               | 08/10/2019                          | 47814/19    | CASE47 | Turobin, Lubelskie                      | TISSUE               | SPLEEN     |
| 778               | 08/10/2019                          | 47814/19    | CASE47 | Turobin, Lubelskie                      | HOMOGENATE           | SPLEEN     |
| 779               | 08/10/2019                          | 47814/19    | CASE47 | Turobin, Lubelskie                      | TISSUE               | KIDNEY     |
| 780               | 08/10/2019                          | 47814/19    | CASE47 | Turobin, Lubelskie                      | HOMOGENATE           | KIDNEY     |
| 781               | 08/10/2019                          | 47814/19    | CASE47 | Turobin, Lubelskie                      | TISSUE               | LUNG       |
| 782               | 08/10/2019                          | 47814/19    | CASE47 | Turobin, Lubelskie                      | HOMOGENATE           | LUNG       |
| 783               | 08/10/2019                          | 47815-1/19  | CASE47 | Turobin, Lubelskie                      | BLOOD                | SERUM      |
| 784               | 08/10/2019                          | 47815-4/19  | CASE47 | Turobin, Lubelskie                      | BLOOD                | SERUM      |
| 785               | 11/10/2019                          | 48314-2/19  | CASE47 | Turobin, Lubelskie                      | BLOOD                | SERUM      |
| 786               | 11/10/2019                          | 48358/19    | CASE48 | Suraz, Podlskie                         | TISSUE               | LYMPH NODE |
| 787               | 11/10/2019                          | 48358/19    | CASE48 | Suraz, Podlskie                         | HOMOGENATE           | LYMPH NODE |
| 788               | 12/10/2019                          | 48360/19    | CASE48 | Suraz, Podlskie                         | TISSUE               | KIDNEY     |
| 789               | 12/10/2019                          | 48360/19    | CASE48 | Suraz, Podlskie                         | HOMOGENATE           | KIDNEY     |

<sup>1</sup>INIA-CISA is not responsible for the identification/information of the samples provided by the client.

<sup>2</sup>NI = not information provided

**EXECUTION DATE:** From 28<sup>TH</sup> October 2020 to 17<sup>nd</sup> February 2021

**ASF DIAGNOSTIC TESTS PERFORMED:**

**1. ASF virological diagnosis**

**1.1 ASFV genome detection.** The DNA was extracted from 267 tissue homogenates prepared at the EURL, from 46 homogenates prepared at the Poland's NRL, from 1 clotted blood and from 208 serum samples, using the High Pure PCR Template Preparation Kit [Ref. 11796828001 (ROCHE)] following the standardised procedure [PNT/CISA/PPA/EXTRACCIÓN ADN/1]. For amplification of the ASFV genomic DNA the UPL real-time PCR (Fernández-Pinero *et al.*, 2013; OIE 2019) [PNT/CISA/PPA/PCR/3] was carried out using the undiluted extracted DNA at the EURL in a total of **522 samples**. Two hundred and sixty seven (267) samples were not analysed since correspond to samples previously processed at the NRL (homogenates) from which original tissue was received at the EURL.

**1.2 ASF virus isolation and haemadsorption (HAD) assay\*** [PNT/CISA/PPA/VI/1] → the virus isolation was performed on porcine blood monocytes (PBMs) according is described in the OIE Manual (OIE 2019). The PBMs were inoculated at a multiplicity of infection (moi) 1:10 with **101 PCR positive wild boar samples** (8 wells/per sample; 10 µl inoculum per well) representatives of 45 wild boar cases out of the 46 received. After inoculation, a preparation of 1% homologous red blood cells in phosphate-buffered





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saline was added to each well and incubated at 95% relative humidity with 5% CO<sub>2</sub>, at 37°C. The plates were examined for haemadsorption over a period of seven days. The absence of HAD or virus replication was verified after three subsequent passages in which the infected cells were sub-cultured three times and each passage was subjected to real time PCR (Fernandez-Pinero et al., 2013; OIE 2019).

2. **ASF serological diagnosis** → For ASF antibody detection, 205 out of the 208 sera received were tested using the commercial blocking ELISA (INGEZIM PPA COMPAC, K3 INGENASA) [PNT/CISA/PPA/ELISA/2]. Positive and/or doubt results were confirmed by the immunoblotting test (IB) [PNT/CISA/PPA/IB/1]. All sera were tested using the OIE-indirect immunoperoxidase technique (IPT) [PNT/CISA/PPA/IPT/1]. In addition, 266 tissues, 1 clotted blood and 31 homogenates prepared at the Poland's NRL were analysed using the IPT [PNT/CISA/PPA/IPT/1] in two fold dilutions starting from 1/20 (tissues and blood) or from 1/5 (homogenates). In case of tissues such as the bone marrow which did not exudate, the 10% (w/v) clarified homogenized tissue suspensions were tested in two fold dilutions but starting from 1/5.
3. **ASFV molecular characterization\*** → Genetic characterization of ASFV has been performed from **representatives 49 PCR positive samples** by PCR throughout the analysis of three variable regions of the ASFV genome which comprises: i) the intergenic region located between the *I73R* and *I329L* genes and characterized by the presence of tandem repeat sequences (TRS) (Gallardo *et al.*, 2014), ii) the central variable region (CVR) within the *B602L*-gene (Gallardo *et al.*, 2011) and iii) the intergenic region between the multigene family (MGF) 505 9R and the 10R genes of ASFV genome (Elsukova, A., et al., 2016).

The nucleotide sequences obtained were compared with **2,067 representative genotype II ASFVs isolated since April 2007 up to February 2020 from wild and domestic pigs in Eastern and Central European countries** (Belgium, Bulgaria, Greece, Romania, Hungary, Czech Republic, Lithuania, Poland, Latvia, Estonia, Serbia, Slovakia, Belarus, Ukraine, Armenia, Azerbaijan, Georgia, Moldova and Russia Federation) available at the EURL. In addition were compared with the ASFV Germany 2020/1 isolate (Genbank Acc N° LR899193.1) sequenced at the German's NRL.



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## RESULTS.

1. **ASF virus detection** → All samples were positives by the UPL real time PCR. The weak positive result (Ct ≥ 35) obtained in samples identified as 124, 226, 236, 376, 491, 497, 512, 514, 968 and 704 (ID CISA) was confirmed in a second PCR amplification run in which the extracted DNA per each sample was analysed by duplicate.

After three passages in PBM cells, the virus could be isolated in three samples (ID CISA 241, 533 and 785) corresponding to the wild boar ID 32693/19 (case 18), 35337-1/19 (case 33) and 48314-2/19 (case 47) showing the haemadsorbing pattern. The results for virus detection are summarized in **table 2**.

| Sample<br>ID CISA | ID POLAND'S NRL |                         | UPL-real time PCR <sup>(a)</sup> |                    |                    | Result   | VI-HAD <sup>(b)*</sup><br>(3 passages) |
|-------------------|-----------------|-------------------------|----------------------------------|--------------------|--------------------|----------|--|
|                   | ID animal       | TYPE OF SAMPLE RECEIVED | CT value                         | 2ª PCR<br>CT value | 2ª PCR<br>CT value |          |  |
| 1                 | 04484/19        | TISSUE SPLEEN           | 19.97                            |                    |                    | POSITIVE | NEGATIVE                               |
| 3                 | 04484/19        | TISSUE KIDNEY           | 23.26                            |                    |                    | POSITIVE | NT                                     |
| 5                 | 04485/19        | TISSUE SPLEEN           | 19.15                            |                    |                    | POSITIVE | NEGATIVE                               |
| 7                 | 04485/19        | TISSUE KIDNEY           | 20.02                            |                    |                    | POSITIVE | NT                                     |
| 9                 | 04486/19        | TISSUE SPLEEN           | 21.81                            |                    |                    | POSITIVE | NEGATIVE                               |
| 11                | 04486/19        | TISSUE KIDNEY           | 26.91                            |                    |                    | POSITIVE | NT                                     |
| 13                | 04487/19        | TISSUE SPLEEN           | 20.79                            |                    |                    | POSITIVE | NT                                     |
| 15                | 04487/19        | TISSUE KIDNEY           | 24.00                            |                    |                    | POSITIVE | NT                                     |
| 17                | 04488/19        | TISSUE SPLEEN           | 17.65                            |                    |                    | POSITIVE | NT                                     |
| 19                | 04488/19        | TISSUE KIDNEY           | 22.89                            |                    |                    | POSITIVE | NT                                     |
| 21                | 04483-23/19     | BLOOD SERUM             | 25.66                            |                    |                    | POSITIVE | NT                                     |
| 22                | 04483-24/19     | BLOOD SERUM             | 26.97                            |                    |                    | POSITIVE | NT                                     |
| 23                | 22956/19        | BLOOD SERUM             | 18.53                            |                    |                    | POSITIVE | NT                                     |
| 24                | 22956/19        | TISSUE SPLEEN           | 19.68                            |                    |                    | POSITIVE | NT                                     |
| 26                | 22956/19        | TISSUE LUNG             | 22.2                             |                    |                    | POSITIVE | NT                                     |
| 28                | 22957/19        | BLOOD SERUM             | 20.51                            |                    |                    | POSITIVE | NT                                     |
| 29                | 22957/19        | TISSUE SPLEEN           | 18.13                            |                    |                    | POSITIVE | NEGATIVE                               |
| 31                | 22957/19        | TISSUE LYMPH NODE       | 20.66                            |                    |                    | POSITIVE | NT                                     |
| 33                | 23146-12/19     | BLOOD SERUM             | 28.37 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 34                | 23146-15/19     | BLOOD SERUM             | 25.68 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 35                | 22807-2/19      | BLOOD SERUM             | 21.95                            |                    |                    | POSITIVE | NEGATIVE                               |
| 36                | 22807-3/19      | BLOOD SERUM             | 20.04                            |                    |                    | POSITIVE | NT                                     |
| 37                | 22807-5/19      | BLOOD SERUM             | 26.43                            |                    |                    | POSITIVE | NT                                     |
| 38                | 22808-1/19      | BLOOD SERUM             | 18.32                            |                    |                    | POSITIVE | NEGATIVE                               |
| 39                | 24872/19        | TISSUE SPLEEN           | 21.04                            |                    |                    | POSITIVE | NEGATIVE                               |
| 41                | 24872/19        | TISSUE KIDNEY           | 24.66                            |                    |                    | POSITIVE | NT                                     |
| 43                | 24877/19        | TISSUE SPLEEN           | 23.17                            |                    |                    | POSITIVE | NEGATIVE                               |
| 45                | 24877/19        | TISSUE LYMPH NODE       | 24.39                            |                    |                    | POSITIVE | NT                                     |
| 47                | 24878/19        | TISSUE SPLEEN           | 21.29                            |                    |                    | POSITIVE | NT                                     |
| 49                | 24878/19        | HOMOGENATE LYMPH NODE   | 23.8                             |                    |                    | POSITIVE | NT                                     |
| 50                | 24878/19        | TISSUE KIDNEY           | 19.96                            |                    |                    | POSITIVE | NEGATIVE                               |
| 52                | 25852/19        | TISSUE SPLEEN           | 21.76                            |                    |                    | POSITIVE | NT                                     |
| 54                | 25852/19        | TISSUE LYMPH NODE       | 24.22                            |                    |                    | POSITIVE | NT                                     |



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| Sample ID CISA | ID POLAND'S NRL |                         | UPL-real time PCR <sup>(a)</sup> |                    |                    |          | VI-HAD <sup>(b)*</sup><br>(3 passages) |
|----------------|-----------------|-------------------------|----------------------------------|--------------------|--------------------|----------|--|
|                | ID animal       | TYPE OF SAMPLE RECEIVED | CT value                         | 2ª PCR<br>CT value | 2ª PCR<br>CT value | Result   |  |
| 56             | 25852/19        | TISSUE KIDNEY           | 21.29                            |                    |                    | POSITIVE | NEGATIVE                               |
| 58             | 25854/19        | TISSUE SPLEEN           | 21.07                            |                    |                    | POSITIVE | NT                                     |
| 60             | 25859-36/19     | BLOOD SERUM             | 21.76                            |                    |                    | POSITIVE | NT                                     |
| 61             | 25859-46/19     | BLOOD SERUM             | 21.61                            |                    |                    | POSITIVE | NT                                     |
| 62             | 25859-47/19     | BLOOD SERUM             | 21.00                            |                    |                    | POSITIVE | NEGATIVE                               |
| 63             | 25859-48/19     | BLOOD SERUM             | 20.92                            |                    |                    | POSITIVE | NT                                     |
| 64             | 25859-53/19     | BLOOD SERUM             | 22.16                            |                    |                    | POSITIVE | NT                                     |
| 65             | 25860-1/19      | BLOOD SERUM             | 22.49                            |                    |                    | POSITIVE | NT                                     |
| 66             | 25860-3/19      | BLOOD SERUM             | 21.22                            |                    |                    | POSITIVE | NT                                     |
| 67             | 25860-4/19      | BLOOD SERUM             | 20.99                            |                    |                    | POSITIVE | NEGATIVE                               |
| 68             | 25860-6/19      | BLOOD SERUM             | 23.68                            |                    |                    | POSITIVE | NT                                     |
| 69             | 26026/19        | CLOT CLOT               | 19.06                            |                    |                    | POSITIVE | NEGATIVE                               |
| 70             | 26027/19        | TISSUE LYMPH NODE       | 22.21                            |                    |                    | POSITIVE | NEGATIVE                               |
| 72             | 26353/19        | BLOOD SERUM             | 21.27                            |                    |                    | POSITIVE | NT                                     |
| 73             | 25856/19        | TISSUE SPLEEN           | 23.05                            |                    |                    | POSITIVE | NT                                     |
| 75             | 25856/19        | TISSUE LYMPH NODE       | 29.12                            |                    |                    | POSITIVE | NT                                     |
| 77             | 25856/19        | TISSUE KIDNEY           | 25.59                            |                    |                    | POSITIVE | NT                                     |
| 79             | 25857/19        | TISSUE SPLEEN           | 19.03                            |                    |                    | POSITIVE | NT                                     |
| 81             | 25857/19        | TISSUE LYMPH NODE       | 20.12                            |                    |                    | POSITIVE | NT                                     |
| 83             | 27783-1/19      | BLOOD SERUM             | 23.02                            |                    |                    | POSITIVE | NEGATIVE                               |
| 84             | 27785/19        | BLOOD SERUM             | 28.22                            |                    |                    | POSITIVE | NT                                     |
| 85             | 27785/19        | TISSUE LUNG             | 24.78                            |                    |                    | POSITIVE | NT                                     |
| 87             | 27785/19        | TISSUE TONSI            | 23.00                            |                    |                    | POSITIVE | NEGATIVE                               |
| 89             | 28301-1/19      | BLOOD SERUM             | 21.08                            |                    |                    | POSITIVE | NT                                     |
| 90             | 28301-3/19      | BLOOD SERUM             | 20.72                            |                    |                    | POSITIVE | NT                                     |
| 91             | 28301-4/19      | BLOOD SERUM             | 21.23                            |                    |                    | POSITIVE | NT                                     |
| 92             | 28301-5/19      | BLOOD SERUM             | 21.68                            |                    |                    | POSITIVE | NT                                     |
| 93             | 28301-8/19      | BLOOD SERUM             | 19.98                            |                    |                    | POSITIVE | NEGATIVE                               |
| 94             | 28412-1/19      | BLOOD SERUM             | 25.31 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 95             | 28412-2/19      | BLOOD SERUM             | 28.59                            |                    |                    | POSITIVE | NT                                     |
| 96             | 28412-11/19     | BLOOD SERUM             | 21.45                            |                    |                    | POSITIVE | NT                                     |
| 97             | 28412-12/19     | BLOOD SERUM             | 20.92                            |                    |                    | POSITIVE | NEGATIVE                               |
| 98             | 28412-15/19     | BLOOD SERUM             | 22.65                            |                    |                    | POSITIVE | NT                                     |
| 99             | 28413/19        | HOMOGENATE TONSIL       | 30.12                            |                    |                    | POSITIVE | NT                                     |
| 100            | 28690-2/19      | BLOOD SERUM             | 25.22                            |                    |                    | POSITIVE | NT                                     |
| 101            | 28690-4/19      | BLOOD SERUM             | 22.98                            |                    |                    | POSITIVE | NEGATIVE                               |
| 102            | 29762/19        | TISSUE SPLEEN           | 23.44                            |                    |                    | POSITIVE | NEGATIVE                               |
| 104            | 29762/19        | TISSUE LYMPH NODE       | 26.3                             |                    |                    | POSITIVE | NT                                     |
| 106            | 29762/19        | TISSUE KIDNEY           | 31.18                            |                    |                    | POSITIVE | NT                                     |
| 108            | 29763/19        | TISSUE SPLEEN           | 27.41                            |                    |                    | POSITIVE | NT                                     |
| 110            | 29763/19        | TISSUE KIDNEY           | 22.63                            |                    |                    | POSITIVE | NEGATIVE                               |
| 112            | 29765/19        | TISSUE KIDNEY           | 31.13                            |                    |                    | POSITIVE | NT                                     |
| 114            | 29778/19        | TISSUE SPLEEN           | 20.08                            |                    |                    | POSITIVE | NT                                     |
| 116            | 29778/19        | TISSUE LYMPH NODE       | 17.42                            |                    |                    | POSITIVE | NEGATIVE                               |
| 118            | 29778/19        | TISSUE KIDNEY           | 24.94                            |                    |                    | POSITIVE | NT                                     |
| 120            | 29778/19        | TISSUE LUNG             | 23.88                            |                    |                    | POSITIVE | NT                                     |
| 122            | 29778/19        | TISSUE TONSIL           | 19.50                            |                    |                    | POSITIVE | NT                                     |
| 124            | 29776-30/19     | BLOOD SERUM             | 37.91                            | 35.57              | 36.87              | WEAK     | NT                                     |
| 125            | 29776-35/19     | BLOOD SERUM             | 16.13                            |                    |                    | POSITIVE | NEGATIVE                               |



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| Sample ID CISA | ID POLAND'S NRL |                         | UPL-real time PCR <sup>(a)</sup> |                    |                    | Result   | VI-HAD <sup>(b)*</sup><br>(3 passages) |
|----------------|-----------------|-------------------------|----------------------------------|--------------------|--------------------|----------|--|
|                | ID animal       | TYPE OF SAMPLE RECEIVED | CT value                         | 2ª PCR<br>CT value | 2ª PCR<br>CT value |          |  |
| 126            | 30156-1/19      | TISSUE SPLEEN           | 21.51                            |                    |                    | POSITIVE | NEGATIVE                               |
| 128            | 30156-2/19      | TISSUE SPLEEN           | 24.79                            |                    |                    | POSITIVE | NT                                     |
| 130            | 30155-34/19     | BLOOD SERUM             | 20.38                            |                    |                    | POSITIVE | NEGATIVE                               |
| 131            | 30744/19        | TISSUE SPLEEN           | 16.52                            |                    |                    | POSITIVE | NEGATIVE                               |
| 133            | 30744/19        | TISSUE KIDNEY           | 20.74                            |                    |                    | POSITIVE | NT                                     |
| 135            | 30744/19        | TISSUE LIVER            | 18.22                            |                    |                    | POSITIVE | NT                                     |
| 137            | 30745/19        | TISSUE SPLEEN           | 16.7                             |                    |                    | POSITIVE | NT                                     |
| 139            | 30745/19        | TISSUE KIDNEY           | 20.96                            |                    |                    | POSITIVE | NT                                     |
| 141            | 30745/19        | TISSUE LIVER            | 25.57                            |                    |                    | POSITIVE | NT                                     |
| 143            | 30637/19        | TISSUE SPLEEN           | 19.7                             |                    |                    | POSITIVE | NT                                     |
| 145            | 30633-1/19      | BLOOD SERUM             | 29.54                            |                    |                    | POSITIVE | NT                                     |
| 146            | 30633-15/19     | BLOOD SERUM             | 28.26                            |                    |                    | POSITIVE | NT                                     |
| 147            | 30527-1/19      | BLOOD SERUM             | 17.49                            |                    |                    | POSITIVE | NEGATIVE                               |
| 148            | 30527-6/19      | BLOOD SERUM             | 26.22                            |                    |                    | POSITIVE | NT                                     |
| 149            | 31052/19        | BLOOD SERUM             | 18.85                            |                    |                    | POSITIVE | NEGATIVE                               |
| 150            | 30899-2/19      | BLOOD SERUM             | 18.43 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 151            | 31322/19        | BLOOD SERUM             | 22.08                            |                    |                    | POSITIVE | NEGATIVE                               |
| 152            | 31322/19        | TISSUE SPLEEN           | 18.97                            |                    |                    | POSITIVE | NT                                     |
| 154            | 31322/19        | TISSUE LYMPH NODE       | 18.64                            |                    |                    | POSITIVE | NT                                     |
| 156            | 31322/19        | TISSUE KIDNEY           | 18.15                            |                    |                    | POSITIVE | NT                                     |
| 158            | 31323-1/19      | BLOOD SERUM             | 24.13                            |                    |                    | POSITIVE | NT                                     |
| 159            | 31323-3/19      | BLOOD SERUM             | 30.34                            |                    |                    | POSITIVE | NT                                     |
| 160            | 31370-15/19     | BLOOD SERUM             | 20.25                            |                    |                    | POSITIVE | NEGATIVE                               |
| 161            | 31370-19/19     | BLOOD SERUM             | 22.76                            |                    |                    | POSITIVE | NT                                     |
| 162            | 31370-23/19     | BLOOD SERUM             | 21.31                            |                    |                    | POSITIVE | NT                                     |
| 163            | 31746/19        | TISSUE KIDNEY           | 34.06                            |                    |                    | POSITIVE | NT                                     |
| 165            | 31746/19        | TISSUE LUNG             | 24.48                            |                    |                    | POSITIVE | NEGATIVE                               |
| 167            | 31746/19        | TISSUE LIVER            | 26.46                            |                    |                    | POSITIVE | NT                                     |
| 169            | 31744-3/19      | BLOOD SERUM             | 19.09                            |                    |                    | POSITIVE | NT                                     |
| 170            | 31744-4/19      | BLOOD SERUM             | 16.85                            |                    |                    | POSITIVE | NEGATIVE                               |
| 171            | 31744-5/19      | BLOOD SERUM             | 18.64                            |                    |                    | POSITIVE | NT                                     |
| 172            | 31745/19        | TISSUE SPLEEN           | 27.84                            |                    |                    | POSITIVE | NT                                     |
| 174            | 31745/19        | TISSUE LUNG             | 21.7                             |                    |                    | POSITIVE | NT                                     |
| 176            | 31754/19        | TISSUE SPLEEN           | 23.76                            |                    |                    | POSITIVE | NT                                     |
| 178            | 31754/19        | TISSUE KIDNEY           | 25.82                            |                    |                    | POSITIVE | NT                                     |
| 180            | 31754/19        | TISSUE LUNG             | 26.75                            |                    |                    | POSITIVE | NT                                     |
| 182            | 31755/19        | TISSUE SPLEEN           | 24.62                            |                    |                    | POSITIVE | NT                                     |
| 184            | 31755/19        | TISSUE KIDNEY           | 24.46                            |                    |                    | POSITIVE | NT                                     |
| 186            | 31755/19        | TISSUE LUNG             | 20.58                            |                    |                    | POSITIVE | NT                                     |
| 188            | 31756/19        | TISSUE SPLEEN           | 20.09                            |                    |                    | POSITIVE | NEGATIVE                               |
| 190            | 31756/19        | TISSUE KIDNEY           | 27.86                            |                    |                    | POSITIVE | NT                                     |
| 192            | 31756/19        | TISSUE LUNG             | 27.45                            |                    |                    | POSITIVE | NT                                     |
| 194            | 31757/19        | TISSUE SPLEEN           | 21.5                             |                    |                    | POSITIVE | NEGATIVE                               |
| 196            | 31757/19        | TISSUE LYMPH NODE       | 27.71                            |                    |                    | POSITIVE | NT                                     |
| 198            | 31757/19        | TISSUE KIDNEY           | 22.49                            |                    |                    | POSITIVE | NT                                     |
| 200            | 31751-5/19      | BLOOD SERUM             | 26.84                            |                    |                    | POSITIVE | NT                                     |
| 201            | 31751-7/19      | BLOOD SERUM             | 21.83                            |                    |                    | POSITIVE | NT                                     |
| 202            | 31752-4/19      | BLOOD SERUM             | 21.17 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 203            | 31752-6/19      | BLOOD SERUM             | 22.32 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |



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| Sample ID CISA | ID POLAND'S NRL |                         | UPL-real time PCR <sup>(a)</sup> |                    |                    |          | VI-HAD <sup>(b)*</sup><br>(3 passages) |
|----------------|-----------------|-------------------------|----------------------------------|--------------------|--------------------|----------|--|
|                | ID animal       | TYPE OF SAMPLE RECEIVED | CT value                         | 2ª PCR<br>CT value | 2ª PCR<br>CT value | Result   |  |
| 204            | 31752-7/19      | BLOOD SERUM             | 21.03                            |                    |                    | POSITIVE | NEGATIVE                               |
| 205            | 32169-3/19      | BLOOD SERUM             | 23.15 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 206            | 32169-4/19      | BLOOD SERUM             | 20.08                            |                    |                    | POSITIVE | NEGATIVE                               |
| 207            | 32169-8/19      | BLOOD SERUM             | 24.66 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 208            | 32169-10/19     | BLOOD SERUM             | 19.98                            |                    |                    | POSITIVE | NT                                     |
| 209            | 32169-12/19     | BLOOD SERUM             | 22.89                            |                    |                    | POSITIVE | NT                                     |
| 210            | 32304-3/19      | BLOOD SERUM             | 29.12 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 211            | 32316-1/19      | BLOOD SERUM             | 24.28 <sup>1</sup>               |                    |                    | POSITIVE | NEGATIVE                               |
| 212            | 32316-2/19      | BLOOD SERUM             | 26.50 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 213            | 32316-3/19      | BLOOD SERUM             | 26.89 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 214            | 32347/19        | TISSUE SPLEEN           | 27.01                            |                    |                    | POSITIVE | NT                                     |
| 216            | 32347/19        | TISSUE LYMPH NODE       | 28.38                            |                    |                    | POSITIVE | NT                                     |
| 218            | 32348/19        | TISSUE SPLEEN           | 28.32                            |                    |                    | POSITIVE | NT                                     |
| 220            | 32348/19        | TISSUE LYMPH NODE       | 26.66                            |                    |                    | POSITIVE | NT                                     |
| 222            | 32348/19        | TISSUE KIDNEY           | 32.09                            |                    |                    | POSITIVE | NT                                     |
| 224            | 32349/19        | TISSUE SPLEEN           | 18.72                            |                    |                    | POSITIVE | NEGATIVE                               |
| 226            | 32349/19        | TISSUE LYMPH NODE       | 37.38 <sup>1</sup>               | 35.26              | 34.33              | WEAK     | NT                                     |
| 228            | 32349/19        | TISSUE KIDNEY           | 34.02                            |                    |                    | POSITIVE | NT                                     |
| 230            | 32350/19        | TISSUE LYMPH NODE       | 28.64                            |                    |                    | POSITIVE | NT                                     |
| 232            | 32351/19        | TISSUE SPLEEN           | 26.5                             |                    |                    | POSITIVE | NEGATIVE                               |
| 234            | 32351/19        | TISSUE LYMPH NODE       | 29.67                            |                    |                    | POSITIVE | NT                                     |
| 236            | 32352-102/19    | BLOOD SERUM             | 39.48                            | 39,01              | 39,78              | WEAK     | NT                                     |
| 237            | 32352-106/19    | BLOOD SERUM             | 24.75                            |                    |                    | POSITIVE | NT                                     |
| 238            | 32352-107/19    | BLOOD SERUM             | 20.56                            |                    |                    | POSITIVE | NEGATIVE                               |
| 239            | 32352-109/19    | BLOOD SERUM             | 31.57                            |                    |                    | POSITIVE | NT                                     |
| 240            | 32352-110/19    | BLOOD SERUM             | 26.06                            |                    |                    | POSITIVE | NT                                     |
| 241            | 32693/19        | BLOOD SERUM             | 17.79                            |                    |                    | POSITIVE | POSITIVE                               |
| 242            | 32938/19        | TISSUE SPLEEN           | 19.36                            |                    |                    | POSITIVE | NEGATIVE                               |
| 244            | 32938/19        | TISSUE LYMPH NODE       | 23.3                             |                    |                    | POSITIVE | NT                                     |
| 246            | 32938/19        | TISSUE KIDNEY           | 23.71                            |                    |                    | POSITIVE | NT                                     |
| 248            | 32939-8/19      | BLOOD SERUM             | 21.63                            |                    |                    | POSITIVE | NEGATIVE                               |
| 249            | 32981-2/19      | TISSUE SPLEEN           | 19.61                            |                    |                    | POSITIVE | NEGATIVE                               |
| 251            | 32981-3/19      | TISSUE SPLEEN           | 18.48                            |                    |                    | POSITIVE | NT                                     |
| 253            | 32981-4/19      | TISSUE SPLEEN           | 22.34                            |                    |                    | POSITIVE | NT                                     |
| 255            | 32982-1/19      | TISSUE KIDNEY           | 21.00                            |                    |                    | POSITIVE | NT                                     |
| 257            | 32982-2/19      | TISSUE KIDNEY           | 22.41                            |                    |                    | POSITIVE | NT                                     |
| 259            | 32982-3/19      | TISSUE KIDNEY           | 23.96                            |                    |                    | POSITIVE | NT                                     |
| 261            | 32982-4/19      | TISSUE KIDNEY           | 20.26                            |                    |                    | POSITIVE | NEGATIVE                               |
| 263            | 32980-1/19      | BLOOD SERUM             | 25.31                            |                    |                    | POSITIVE | NT                                     |
| 264            | 32980-6/19      | BLOOD SERUM             | 23.41                            |                    |                    | POSITIVE | NT                                     |
| 265            | 32980-7/19      | BLOOD SERUM             | 19.72                            |                    |                    | POSITIVE | NT                                     |
| 266            | 32980-8/19      | BLOOD SERUM             | 22.23                            |                    |                    | POSITIVE | NT                                     |
| 267            | 32980-9/19      | BLOOD SERUM             | 19.00                            |                    |                    | POSITIVE | NEGATIVE                               |
| 268            | 33177/19        | TISSUE LYMPH NODE       | 22.77                            |                    |                    | POSITIVE | NT                                     |
| 270            | 33177/19        | TISSUE KIDNEY           | 25.96                            |                    |                    | POSITIVE | NT                                     |
| 272            | 33177/19        | TISSUE LUNG             | 23.64                            |                    |                    | POSITIVE | NT                                     |
| 274            | 33177/19        | TISSUE LIVER            | 22.00                            |                    |                    | POSITIVE | NEGATIVE                               |
| 276            | 33176-3/19      | BLOOD SERUM             | 20.41 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 277            | 33176-5/19      | BLOOD SERUM             | 20.58 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |



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| Sample ID CISA | ID POLAND'S NRL |                         | UPL-real time PCR <sup>(a)</sup> |                    |                    |          | VI-HAD <sup>(b)*</sup><br>(3 passages) |
|----------------|-----------------|-------------------------|----------------------------------|--------------------|--------------------|----------|--|
|                | ID animal       | TYPE OF SAMPLE RECEIVED | CT value                         | 2ª PCR<br>CT value | 2ª PCR<br>CT value | Result   |  |
| 278            | 33176-6/19      | BLOOD SERUM             | 20.06                            |                    |                    | POSITIVE | NEGATIVE                               |
| 279            | 33176-7/19      | BLOOD SERUM             | 21.9 <sup>1</sup>                |                    |                    | POSITIVE | NT                                     |
| 280            | 33176-8/19      | BLOOD SERUM             | 19.46 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 281            | 33728-1/19      | BLOOD SERUM             | 25.18 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 282            | 33729-12/19     | BLOOD SERUM             | 20.94                            |                    |                    | POSITIVE | NEGATIVE                               |
| 283            | 33729-13/19     | BLOOD SERUM             | 17.89                            |                    |                    | POSITIVE | NT                                     |
| 284            | 33729-18/19     | BLOOD SERUM             | 23.70 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 285            | 33729-19/19     | BLOOD SERUM             | 24.91 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 286            | 33729-26/19     | BLOOD SERUM             | 21.15                            |                    |                    | POSITIVE | NT                                     |
| 287            | 33826-1/19      | BLOOD SERUM             | 17.8                             |                    |                    | POSITIVE | NEGATIVE                               |
| 288            | 33826-3/19      | BLOOD SERUM             | 27.03                            |                    |                    | POSITIVE | NT                                     |
| 289            | 33826-4/19      | BLOOD SERUM             | 19.75                            |                    |                    | POSITIVE | NT                                     |
| 290            | 33826-5/19      | BLOOD SERUM             | 16.75                            |                    |                    | POSITIVE | NT                                     |
| 291            | 33827/19        | TISSUE SPLEEN           | 24.83                            |                    |                    | POSITIVE | NT                                     |
| 293            | 33827/19        | TISSUE LUNG             | 27.56                            |                    |                    | POSITIVE | NT                                     |
| 295            | 33828/19        | BLOOD SERUM             | 23.48                            |                    |                    | POSITIVE | NT                                     |
| 296            | 33828/19        | TISSUE SPLEEN           | 19.82                            |                    |                    | POSITIVE | NEGATIVE                               |
| 298            | 33828/19        | TISSUE KIDNEY           | 22.52                            |                    |                    | POSITIVE | NT                                     |
| 300            | 33828/19        | TISSUE LUNG             | 19.97                            |                    |                    | POSITIVE | NT                                     |
| 302            | 33749-8/19      | BLOOD SERUM             | 21.67                            |                    |                    | POSITIVE | NT                                     |
| 303            | 33749-15/19     | BLOOD SERUM             | 25.93 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 304            | 33749-16/19     | BLOOD SERUM             | 25.88                            |                    |                    | POSITIVE | NT                                     |
| 305            | 33749-19/19     | BLOOD SERUM             | 30.78                            |                    |                    | POSITIVE | NT                                     |
| 306            | 33749-20/19     | BLOOD SERUM             | 23.01                            |                    |                    | POSITIVE | NEGATIVE                               |
| 307            | 33750-4/19      | HOMOGENATE KIDNEY       | 29.79 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 308            | 33750-5/19      | HOMOGENATE KIDNEY       | 35.26                            | 34.25              | 33.84              | POSITIVE | NT                                     |
| 309            | 33750-7/19      | HOMOGENATE KIDNEY       | 22.09                            |                    |                    | POSITIVE | NT                                     |
| 310            | 33750-11/19     | HOMOGENATE KIDNEY       | 26.22                            |                    |                    | POSITIVE | NT                                     |
| 311            | 33751-9/19      | HOMOGENATE SPLEEN       | 21.75                            |                    |                    | POSITIVE | NT                                     |
| 312            | 33751-10/19     | HOMOGENATE SPLEEN       | 20.06                            |                    |                    | POSITIVE | NT                                     |
| 313            | 33751-12/19     | HOMOGENATE SPLEEN       | 18.99                            |                    |                    | POSITIVE | NT                                     |
| 314            | 33751-13/19     | HOMOGENATE SPLEEN       | 18.35                            |                    |                    | POSITIVE | NEGATIVE                               |
| 315            | 33751-18/19     | HOMOGENATE SPLEEN       | 27.69                            |                    |                    | POSITIVE | NT                                     |
| 316            | 33759-1/19      | HOMOGENATE SPLEEN       | 22.17                            |                    |                    | POSITIVE | NT                                     |
| 317            | 33759-2/19      | HOMOGENATE SPLEEN       | 25.43                            |                    |                    | POSITIVE | NT                                     |
| 318            | 33760/19        | HOMOGENATE LYMPH NODE   | 21.03                            |                    |                    | POSITIVE | NT                                     |
| 319            | 33760/19        | HOMOGENATE KIDNEY       | 21.11                            |                    |                    | POSITIVE | NT                                     |
| 320            | 33762/19        | HOMOGENATE SPLEEN       | 23.07                            |                    |                    | POSITIVE | NT                                     |
| 321            | 33762/19        | HOMOGENATE LYMPH NODE   | 22.06                            |                    |                    | POSITIVE | NT                                     |
| 322            | 33762/19        | HOMOGENATE KIDNEY       | 24.7                             |                    |                    | POSITIVE | NT                                     |
| 323            | 33763/19        | HOMOGENATE SPLEEN       | 20.9                             |                    |                    | POSITIVE | NT                                     |
| 324            | 33763/19        | HOMOGENATE LYMPH NODE   | 33.19                            |                    |                    | POSITIVE | NT                                     |
| 325            | 33763/19        | HOMOGENATE KIDNEY       | 29.88                            |                    |                    | POSITIVE | NT                                     |
| 326            | 33764/19        | HOMOGENATE LYMPH NODE   | 20.75                            |                    |                    | POSITIVE | NT                                     |
| 327            | 33764/19        | HOMOGENATE KIDNEY       | 23.53                            |                    |                    | POSITIVE | NT                                     |
| 328            | 33765/19        | HOMOGENATE LYMPH NODE   | 24.88                            |                    |                    | POSITIVE | NT                                     |
| 329            | 33765/19        | HOMOGENATE KIDNEY       | 27.68 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 330            | 33766/19        | HOMOGENATE SPLEEN       | 22.09                            |                    |                    | POSITIVE | NT                                     |
| 331            | 33766/19        | HOMOGENATE LYMPH NODE   | 20.31                            |                    |                    | POSITIVE | NT                                     |



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| Sample ID CISA | ID POLAND'S NRL |                         | UPL-real time PCR <sup>(a)</sup> |                    |                    |          | VI-HAD <sup>(b)*</sup><br>(3 passages) |
|----------------|-----------------|-------------------------|----------------------------------|--------------------|--------------------|----------|--|
|                | ID animal       | TYPE OF SAMPLE RECEIVED | CT value                         | 2ª PCR<br>CT value | 2ª PCR<br>CT value | Result   |  |
| 332            | 33766/19        | HOMOGENATE KIDNEY       | 25.67                            |                    |                    | POSITIVE | NT                                     |
| 333            | 33767/19        | HOMOGENATE KIDNEY       | 20.26                            |                    |                    | POSITIVE | NT                                     |
| 334            | 33768/19        | HOMOGENATE SPLEEN       | 24.95                            |                    |                    | POSITIVE | NT                                     |
| 335            | 33768/19        | HOMOGENATE LYMPH NODE   | 22.83                            |                    |                    | POSITIVE | NT                                     |
| 336            | 33768/19        | HOMOGENATE KIDNEY       | 25.61                            |                    |                    | POSITIVE | NT                                     |
| 337            | 33769/19        | HOMOGENATE SPLEEN       | 22.19                            |                    |                    | POSITIVE | NT                                     |
| 338            | 33769/19        | HOMOGENATE LYMPH NODE   | 21.48                            |                    |                    | POSITIVE | NT                                     |
| 339            | 33769/19        | HOMOGENATE KIDNEY       | 28.51                            |                    |                    | POSITIVE | NT                                     |
| 340            | 33770/19        | HOMOGENATE SPLEEN       | 20.91                            |                    |                    | POSITIVE | NT                                     |
| 341            | 33770/19        | HOMOGENATE LYMPH NODE   | 20.85                            |                    |                    | POSITIVE | NT                                     |
| 342            | 33770/19        | HOMOGENATE KIDNEY       | 23.28                            |                    |                    | POSITIVE | NT                                     |
| 343            | 33771/19        | HOMOGENATE SPLEEN       | 26.68                            |                    |                    | POSITIVE | NEGATIVE                               |
| 344            | 33771/19        | HOMOGENATE LYMPH NODE   | 22.05                            |                    |                    | POSITIVE | NT                                     |
| 345            | 33771/19        | HOMOGENATE KIDNEY       | 21.38                            |                    |                    | POSITIVE | NT                                     |
| 346            | 33761/19        | HOMOGENATE LYMPH NODE   | 23.87                            |                    |                    | POSITIVE | NT                                     |
| 347            | 33761/19        | HOMOGENATE KIDNEY       | 23.07                            |                    |                    | POSITIVE | NT                                     |
| 348            | 34100/19        | TISSUE SPLEEN           | 22.57                            |                    |                    | POSITIVE | NT                                     |
| 350            | 34100/19        | TISSUE LYMPH NODE       | 21.33                            |                    |                    | POSITIVE | NEGATIVE                               |
| 352            | 34100/19        | TISSUE KIDNEY           | 28.58                            |                    |                    | POSITIVE | NT                                     |
| 354            | 34101/19        | TISSUE SPLEEN           | 25.41                            |                    |                    | POSITIVE | NT                                     |
| 356            | 34101/19        | TISSUE LYMPH NODE       | 24.80                            |                    |                    | POSITIVE | NT                                     |
| 358            | 34101/19        | TISSUE KIDNEY           | 26.49                            |                    |                    | POSITIVE | NT                                     |
| 360            | 34151-2/19      | BLOOD SERUM             | 19.51                            |                    |                    | POSITIVE | NT                                     |
| 361            | 34151-3/19      | BLOOD SERUM             | 21.06                            |                    |                    | POSITIVE | NT                                     |
| 362            | 34151-4/19      | BLOOD SERUM             | 21.85                            |                    |                    | POSITIVE | NEGATIVE                               |
| 363            | 34152/19        | TISSUE SPLEEN           | 22.83                            |                    |                    | POSITIVE | NEGATIVE                               |
| 365            | 34152/19        | TISSUE KIDNEY           | 28.22                            |                    |                    | POSITIVE | NT                                     |
| 367            | 34248-1/19      | TISSUE SPLEEN           | 28.26                            |                    |                    | POSITIVE | NT                                     |
| 369            | 34248-2/19      | TISSUE SPLEEN           | 29.07                            |                    |                    | POSITIVE | NT                                     |
| 371            | 34248-3/19      | TISSUE SPLEEN           | 21.69                            |                    |                    | POSITIVE | NEGATIVE                               |
| 373            | 34099-8/19      | BLOOD SERUM             | 20.75                            |                    |                    | POSITIVE | NT                                     |
| 374            | 34099-10/19     | BLOOD SERUM             | 18.27                            |                    |                    | POSITIVE | NT                                     |
| 375            | 34099-15/19     | BLOOD SERUM             | 25.26                            |                    |                    | POSITIVE | NT                                     |
| 376            | 34249/19        | TISSUE BONE MARROW      | 35.93                            | 35,91              | 36,09              | WEAK     | NT                                     |
| 378            | 34086-1/19      | BLOOD SERUM             | 21.4                             |                    |                    | POSITIVE | NT                                     |
| 379            | 34086-2/19      | BLOOD SERUM             | 25.79                            |                    |                    | POSITIVE | NT                                     |
| 380            | 34096-1/19      | TISSUE SPLEEN           | 23.64                            |                    |                    | POSITIVE | NT                                     |
| 382            | 34096-2/19      | TISSUE SPLEEN           | 25.31                            |                    |                    | POSITIVE | NT                                     |
| 384            | 34096-3/19      | TISSUE SPLEEN           | 26.96                            |                    |                    | POSITIVE | NT                                     |
| 386            | 34096-4/19      | TISSUE SPLEEN           | 24.10                            |                    |                    | POSITIVE | NT                                     |
| 388            | 34096-5/19      | TISSUE SPLEEN           | 25.72                            |                    |                    | POSITIVE | NT                                     |
| 390            | 34097-5/19      | BLOOD SERUM             | 20.46                            |                    |                    | POSITIVE | NT                                     |
| 391            | 34097-6/19      | BLOOD SERUM             | 23.96                            |                    |                    | POSITIVE | NT                                     |
| 392            | 34247/19        | BLOOD SERUM             | 24.32                            |                    |                    | POSITIVE | NEGATIVE                               |
| 393            | 34653/19        | BLOOD SERUM             | 22.69                            |                    |                    | POSITIVE | NT                                     |
| 394            | 34653/19        | TISSUE LYMPH NODE       | 27.38                            |                    |                    | POSITIVE | NT                                     |
| 396            | 34653/19        | TISSUE KIDNEY           | 25.48                            |                    |                    | POSITIVE | NT                                     |
| 398            | 34654/19        | TISSUE LYMPH NODE       | 22.94                            |                    |                    | POSITIVE | NEGATIVE                               |
| 400            | 34372/19        | HOMOGENATE BONE MARROW  | 34.77                            |                    |                    | POSITIVE | NT                                     |



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| Sample ID CISA | ID POLAND'S NRL |                         | UPL-real time PCR <sup>(a)</sup> |                    |                    |          | VI-HAD <sup>(b)*</sup><br>(3 passages) |
|----------------|-----------------|-------------------------|----------------------------------|--------------------|--------------------|----------|--|
|                | ID animal       | TYPE OF SAMPLE RECEIVED | CT value                         | 2ª PCR<br>CT value | 2ª PCR<br>CT value | Result   |  |
| 401            | 34374/19        | TISSUE SPLEEN           | 29.09                            |                    |                    | POSITIVE | NT                                     |
| 403            | 34374/19        | TISSUE LIVER            | 25.75                            |                    |                    | POSITIVE | NEGATIVE                               |
| 405            | 34205-1/19      | BLOOD SERUM             | 22.54                            |                    |                    | POSITIVE | NT                                     |
| 406            | 34205-2/19      | BLOOD SERUM             | 21.74                            |                    |                    | POSITIVE | NT                                     |
| 407            | 34205-3/19      | BLOOD SERUM             | 23.42                            |                    |                    | POSITIVE | NT                                     |
| 408            | 34205-4/19      | BLOOD SERUM             | 28.25                            |                    |                    | POSITIVE | NT                                     |
| 409            | 34206/19        | TISSUE SPLEEN           | 19.71                            |                    |                    | POSITIVE | NT                                     |
| 411            | 34206/19        | TISSUE KIDNEY           | 22.97                            |                    |                    | POSITIVE | NT                                     |
| 413            | 34206/19        | TISSUE LUNG             | 27.05                            |                    |                    | POSITIVE | NT                                     |
| 415            | 34207/19        | TISSUE SPLEEN           | 24.01                            |                    |                    | POSITIVE | NT                                     |
| 417            | 34207/19        | TISSUE KIDNEY           | 29.1                             |                    |                    | POSITIVE | NT                                     |
| 419            | 34207/19        | TISSUE LUNG             | 22.72                            |                    |                    | POSITIVE | NT                                     |
| 421            | 34208/19        | TISSUE SPLEEN           | 21.50                            |                    |                    | POSITIVE | NEGATIVE                               |
| 423            | 34208/19        | TISSUE KIDNEY           | 24.12                            |                    |                    | POSITIVE | NT                                     |
| 425            | 34208/19        | TISSUE LUNG             | 21.02                            |                    |                    | POSITIVE | NT                                     |
| 427            | 34209/19        | TISSUE SPLEEN           | 22.88                            |                    |                    | POSITIVE | NT                                     |
| 429            | 34209/19        | TISSUE KIDNEY           | 26.06                            |                    |                    | POSITIVE | NT                                     |
| 431            | 34209/19        | TISSUE LUNG             | 22.08                            |                    |                    | POSITIVE | NT                                     |
| 433            | 34594-2/19      | BLOOD SERUM             | 22.18                            |                    |                    | POSITIVE | NT                                     |
| 434            | 34594-3/19      | BLOOD SERUM             | 17.88                            |                    |                    | POSITIVE | NEGATIVE                               |
| 435            | 34594-4/19      | BLOOD SERUM             | 17.07                            |                    |                    | POSITIVE | NT                                     |
| 436            | 34655-3/19      | BLOOD SERUM             | 23.51                            |                    |                    | POSITIVE | NT                                     |
| 437            | 34655-4/19      | BLOOD SERUM             | 20.48                            |                    |                    | POSITIVE | NT                                     |
| 438            | 34655-5/19      | BLOOD SERUM             | 19.54                            |                    |                    | POSITIVE | NEGATIVE                               |
| 439            | 34655-6/19      | BLOOD SERUM             | 19.51                            |                    |                    | POSITIVE | NT                                     |
| 440            | 34862/19        | TISSUE SPLEEN           | 21.98                            |                    |                    | POSITIVE | NT                                     |
| 442            | 34862/19        | TISSUE LYMPH NODE       | 19.38                            |                    |                    | POSITIVE | NEGATIVE                               |
| 444            | 34862/19        | TISSUE KIDNEY           | 27.71                            |                    |                    | POSITIVE | NT                                     |
| 446            | 34863/19        | TISSUE SPLEEN           | 20.68                            |                    |                    | POSITIVE | NT                                     |
| 448            | 34863/19        | TISSUE LYMPH NODE       | 23.45                            |                    |                    | POSITIVE | NT                                     |
| 450            | 34863/19        | TISSUE KIDNEY           | 20.06                            |                    |                    | POSITIVE | NT                                     |
| 452            | 34864/19        | TISSUE SPLEEN           | 22.56                            |                    |                    | POSITIVE | NT                                     |
| 454            | 34864/19        | TISSUE LYMPH NODE       | 23.61                            |                    |                    | POSITIVE | NT                                     |
| 456            | 34864/19        | TISSUE KIDNEY           | 25.75                            |                    |                    | POSITIVE | NT                                     |
| 458            | 34210/19        | TISSUE SPLEEN           | 18.54                            |                    |                    | POSITIVE | NT                                     |
| 460            | 34210/19        | TISSUE KIDNEY           | 23.7                             |                    |                    | POSITIVE | NT                                     |
| 462            | 34210/19        | TISSUE LUNG             | 22.01                            |                    |                    | POSITIVE | NT                                     |
| 464            | 34707/19        | TISSUE SPLEEN           | 29.08                            |                    |                    | POSITIVE | NT                                     |
| 466            | 34707/19        | TISSUE KIDNEY           | 30.12                            |                    |                    | POSITIVE | NT                                     |
| 468            | 34708/19        | TISSUE SPLEEN           | 25.74                            |                    |                    | POSITIVE | NT                                     |
| 470            | 34708/19        | TISSUE KIDNEY           | 29.72                            |                    |                    | POSITIVE | NT                                     |
| 472            | 35158/19        | TISSUE SPLEEN           | 31.23                            |                    |                    | POSITIVE | NT                                     |
| 474            | 35158/19        | TISSUE LYMPH NODE       | 33.2                             |                    |                    | POSITIVE | NT                                     |
| 476            | 35159/19        | TISSUE SPLEEN           | 28.39                            |                    |                    | POSITIVE | NEGATIVE                               |
| 478            | 35150-1/19      | TISSUE LYMPH NODE       | 24.69                            |                    |                    | POSITIVE | NT                                     |
| 480            | 35150-2/19      | TISSUE LYMPH NODE       | 25.47                            |                    |                    | POSITIVE | NT                                     |
| 482            | 35150-3/19      | TISSUE LYMPH NODE       | 23.29                            |                    |                    | POSITIVE | NT                                     |
| 484            | 35150-5/19      | TISSUE LYMPH NODE       | 22.57                            |                    |                    | POSITIVE | NT                                     |
| 486            | 35160-1/19      | BLOOD SERUM             | 24.88 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |





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| Sample<br>ID CISA | ID POLAND'S NRL |                         | UPL-real time PCR (a) |                    |                    |          | VI-HAD <sup>(b)*</sup><br>(3 passages) |
|-------------------|-----------------|-------------------------|-----------------------|--------------------|--------------------|----------|--|
|                   | ID animal       | TYPE OF SAMPLE RECEIVED | CT value              | 2ª PCR<br>CT value | 2ª PCR<br>CT value | Result   |  |
| 487               | 35160-4/19      | BLOOD SERUM             | 26.5 <sup>1</sup>     |                    |                    | POSITIVE | NT                                     |
| 488               | 35160-7/19      | BLOOD SERUM             | 27.41 <sup>1</sup>    |                    |                    | POSITIVE | NT                                     |
| 489               | 35160-8/19      | BLOOD SERUM             | 23.02                 |                    |                    | POSITIVE | NT                                     |
| 490               | 35160-14/19     | BLOOD SERUM             | 20.66                 |                    |                    | POSITIVE | NT                                     |
| 491               | 35164/19        | TISSUE LYMPH NODE       | 38.23                 | 36.1               | 37.84              | WEAK     | NT                                     |
| 493               | 35164/19        | TISSUE KIDNEY           | 24.43                 |                    |                    | POSITIVE | NT                                     |
| 495               | 35165/19        | TISSUE SPLEEN           | 26.49                 |                    |                    | POSITIVE | NT                                     |
| 497               | 35165/19        | TISSUE LYMPH NODE       | 38.14                 | 35.91              | 36.06              | WEAK     | NT                                     |
| 499               | 35165/19        | TISSUE KIDNEY           | 27.65                 |                    |                    | POSITIVE | NT                                     |
| 501               | 35166/19        | TISSUE SPLEEN           | 25.58                 |                    |                    | POSITIVE | NT                                     |
| 503               | 35166/19        | HOMOGENATE LYMPH NODE   | 33.66                 |                    |                    | POSITIVE | NT                                     |
| 504               | 35166/19        | TISSUE KIDNEY           | 26.79                 |                    |                    | POSITIVE | NT                                     |
| 506               | 35167/19        | TISSUE SPLEEN           | 28.86                 |                    |                    | POSITIVE | NT                                     |
| 508               | 35167/19        | TISSUE KIDNEY           | 33.38                 |                    |                    | POSITIVE | NT                                     |
| 510               | 35168/19        | TISSUE SPLEEN           | 25.65                 |                    |                    | POSITIVE | NT                                     |
| 512               | 35168/19        | TISSUE LYMPH NODE       | 35.92                 | 36.41              | 36.44              | WEAK     | NT                                     |
| 514               | 35168/19        | TISSUE KIDNEY           | 37.6                  | 38.37              | 38.54              | WEAK     | NT                                     |
| 516               | 35169/19        | TISSUE SPLEEN           | 28.42                 |                    |                    | POSITIVE | NT                                     |
| 518               | 35169/19        | TISSUE LYMPH NODE       | 31.24                 |                    |                    | POSITIVE | NT                                     |
| 520               | 35169/19        | TISSUE KIDNEY           | 31.37                 |                    |                    | POSITIVE | NT                                     |
| 522               | 35170/19        | TISSUE SPLEEN           | 25.24                 |                    |                    | POSITIVE | NT                                     |
| 524               | 35170/19        | TISSUE LYMPH NODE       | 26.28                 |                    |                    | POSITIVE | NT                                     |
| 526               | 35170/19        | TISSUE KIDNEY           | 30.04                 |                    |                    | POSITIVE | NT                                     |
| 528               | 35336/19        | TISSUE SPLEEN           | 21.3                  |                    |                    | POSITIVE | NEGATIVE                               |
| 530               | 35336/19        | HOMOGENATE LYMPH NODE   | 19.37                 |                    |                    | POSITIVE | NT                                     |
| 531               | 35336/19        | TISSUE KIDNEY           | 24.04                 |                    |                    | POSITIVE | NT                                     |
| 533               | 35337-1/19      | BLOOD SERUM             | 19.66                 |                    |                    | POSITIVE | POSITIVE                               |
| 534               | 35337-3/19      | BLOOD SERUM             | 21.85                 |                    |                    | POSITIVE | NT                                     |
| 535               | 35343-47/19     | BLOOD SERUM             | 28.87 <sup>1</sup>    |                    |                    | POSITIVE | NT                                     |
| 536               | 35343-48/19     | BLOOD SERUM             | 26.42                 |                    |                    | POSITIVE | NT                                     |
| 537               | 35343-52/19     | BLOOD SERUM             | 25.26                 |                    |                    | POSITIVE | NEGATIVE                               |
| 538               | 35343-54/19     | BLOOD SERUM             | 29.52                 |                    |                    | POSITIVE | NT                                     |
| 539               | 35343-59/19     | BLOOD SERUM             | 22.3 <sup>1</sup>     |                    |                    | POSITIVE | NEGATIVE                               |
| 540               | 35345-19/19     | BLOOD SERUM             | 26.47                 |                    |                    | POSITIVE | NT                                     |
| 541               | 35346/19        | TISSUE SPLEEN           | 28.04                 |                    |                    | POSITIVE | NT                                     |
| 543               | 35346/19        | TISSUE LYMPH NODE       | 26.09                 |                    |                    | POSITIVE | NT                                     |
| 545               | 35346/19        | TISSUE KIDNEY           | 33.52                 |                    |                    | POSITIVE | NT                                     |
| 547               | 35347/19        | TISSUE LYMPH NODE       | 29.05                 |                    |                    | POSITIVE | NT                                     |
| 549               | 35347/19        | TISSUE KIDNEY           | 33.83                 |                    |                    | POSITIVE | NT                                     |
| 551               | 35348/19        | TISSUE SPLEEN           | 26.84                 |                    |                    | POSITIVE | NT                                     |
| 553               | 35348/19        | TISSUE KIDNEY           | 33.68                 |                    |                    | POSITIVE | NT                                     |
| 555               | 35349/19        | TISSUE SPLEEN           | 27.83                 |                    |                    | POSITIVE | NT                                     |
| 557               | 35349/19        | TISSUE LYMPH NODE       | 21.48                 |                    |                    | POSITIVE | NEGATIVE                               |
| 559               | 35349/19        | TISSUE KIDNEY           | 26.39                 |                    |                    | POSITIVE | NT                                     |
| 561               | 35350/19        | TISSUE LYMPH NODE       | 22.55                 |                    |                    | POSITIVE | NT                                     |
| 563               | 35350/19        | TISSUE KIDNEY           | 28.53                 |                    |                    | POSITIVE | NT                                     |
| 565               | 35350/19        | TISSUE LUNG             | 24.85                 |                    |                    | POSITIVE | NT                                     |
| 567               | 35351-2/19      | BLOOD SERUM             | 30.24                 |                    |                    | POSITIVE | NT                                     |
| 568               | 35151-5/19      | BLOOD SERUM             | 30.73                 |                    |                    | POSITIVE | NT                                     |



*Assays and activities marked with \* are not supported by ENAC accreditation*

| Sample ID CISA | ID POLAND'S NRL |                         | UPL-real time PCR <sup>(a)</sup> |                    |                    |          | VI-HAD <sup>(b)*</sup><br>(3 passages) |
|----------------|-----------------|-------------------------|----------------------------------|--------------------|--------------------|----------|--|
|                | ID animal       | TYPE OF SAMPLE RECEIVED | CT value                         | 2ª PCR<br>CT value | 2ª PCR<br>CT value | Result   |  |
| 569            | 35151-6/19      | BLOOD SERUM             | 23.4 <sup>1</sup>                |                    |                    | POSITIVE | NT                                     |
| 570            | 35151-7/19      | BLOOD SERUM             | 32.61                            |                    |                    | POSITIVE | NT                                     |
| 571            | 35162-1/19      | BLOOD SERUM             | 22.57                            |                    |                    | POSITIVE | NT                                     |
| 572            | 35162-12/19     | BLOOD SERUM             | 22.37                            |                    |                    | POSITIVE | NEGATIVE                               |
| 573            | 35162-19/19     | BLOOD SERUM             | 32.41                            |                    |                    | POSITIVE | NT                                     |
| 574            | 35163-3/19      | BLOOD SERUM             | 29.14                            |                    |                    | POSITIVE | NT                                     |
| 575            | 35246-8/19      | BLOOD SERUM             | 24.58                            |                    |                    | POSITIVE | NT                                     |
| 576            | 35246-9/19      | BLOOD SERUM             | 27.78                            |                    |                    | POSITIVE | NT                                     |
| 577            | 35246-13/19     | BLOOD SERUM             | 20.02                            |                    |                    | POSITIVE | NEGATIVE                               |
| 578            | 35246-16/19     | BLOOD SERUM             | 33.77                            |                    |                    | POSITIVE | NT                                     |
| 579            | 35246-17/19     | BLOOD SERUM             | 28.76                            |                    |                    | POSITIVE | NT                                     |
| 580            | 35503/19        | TISSUE SPLEEN           | 25.69                            |                    |                    | POSITIVE | NEGATIVE                               |
| 582            | 35503/19        | TISSUE LYMPH NODE       | 31.71                            |                    |                    | POSITIVE | NT                                     |
| 584            | 35504-1/19      | TISSUE SPLEEN           | 21.28                            |                    |                    | POSITIVE | NEGATIVE                               |
| 586            | 35504-2/19      | TISSUE SPLEEN           | 36.29 <sup>1</sup>               | 34.66              | 34.69              | POSITIVE | NT                                     |
| 588            | 35504-3/19      | TISSUE SPLEEN           | 27.17                            |                    |                    | POSITIVE | NT                                     |
| 590            | 35505-1/19      | BLOOD SERUM             | 20.55                            |                    |                    | POSITIVE | NT                                     |
| 591            | 35505-2/19      | BLOOD SERUM             | 18.85                            |                    |                    | POSITIVE | NEGATIVE                               |
| 592            | 35465-23/19     | BLOOD SERUM             | 27.99                            |                    |                    | POSITIVE | NT                                     |
| 593            | 35919-1/19      | BLOOD SERUM             | 27.5                             |                    |                    | POSITIVE | NT                                     |
| 594            | 35919-2/19      | BLOOD SERUM             | 26.62                            |                    |                    | POSITIVE | NT                                     |
| 595            | 35919-3/19      | BLOOD SERUM             | 23.21                            |                    |                    | POSITIVE | NT                                     |
| 596            | 35919-4/19      | BLOOD SERUM             | 22.27                            |                    |                    | POSITIVE | NT                                     |
| 597            | 36389/19        | TISSUE SPLEEN           | 26.3                             |                    |                    | POSITIVE | NEGATIVE                               |
| 599            | 36392/19        | TISSUE SPLEEN           | 28.41                            |                    |                    | POSITIVE | NEGATIVE                               |
| 601            | 36392/19        | TISSUE LYMPH NODE       | 27.92                            |                    |                    | POSITIVE | NT                                     |
| 603            | 36392/19        | TISSUE KIDNEY           | 31.93                            |                    |                    | POSITIVE | NT                                     |
| 605            | 36393-1/19      | BLOOD SERUM             | 19.75                            |                    |                    | POSITIVE | NT                                     |
| 606            | 36239-51/19     | BLOOD SERUM             | 20.05                            |                    |                    | POSITIVE | NT                                     |
| 607            | 36239-53/19     | BLOOD SERUM             | 22.29                            |                    |                    | POSITIVE | NT                                     |
| 608            | 36239-57/19     | BLOOD SERUM             | 25.9                             |                    |                    | POSITIVE | NT                                     |
| 609            | 36239-58/19     | BLOOD SERUM             | 22.29                            |                    |                    | POSITIVE | NT                                     |
| 610            | 36612/19        | TISSUE SPLEEN           | 19.45                            |                    |                    | POSITIVE | NEGATIVE                               |
| 612            | 36612/19        | TISSUE LYMPH NODE       | 19.54                            |                    |                    | POSITIVE | NT                                     |
| 614            | 36612/19        | TISSUE KIDNEY           | 21.07                            |                    |                    | POSITIVE | NT                                     |
| 616            | 36613/19        | TISSUE SPLEEN           | 21                               |                    |                    | POSITIVE | NT                                     |
| 618            | 36613/19        | TISSUE LYMPH NODE       | 22.27                            |                    |                    | POSITIVE | NT                                     |
| 620            | 36613/19        | TISSUE KIDNEY           | 19.63                            |                    |                    | POSITIVE | NEGATIVE                               |
| 622            | 36774/19        | TISSUE BONE MARROW      | 27.19                            |                    |                    | POSITIVE | NT                                     |
| 624            | 36774/19        | TISSUE SPLEEN           | 19.64                            |                    |                    | POSITIVE | NEGATIVE                               |
| 626            | 36774/19        | TISSUE LYMPH NODE       | 23.41                            |                    |                    | POSITIVE | NT                                     |
| 628            | 36775/19        | TISSUE BONE MARROW      | 20.63                            |                    |                    | POSITIVE | NT                                     |
| 630            | 36775/19        | TISSUE SPLEEN           | 18.72                            |                    |                    | POSITIVE | NT                                     |
| 632            | 36775/19        | TISSUE LYMPH NODE       | 23.68                            |                    |                    | POSITIVE | NT                                     |
| 634            | 36776/19        | TISSUE BONE MARROW      | 20.67                            |                    |                    | POSITIVE | NT                                     |
| 636            | 36776/19        | TISSUE SPLEEN           | 16.04                            |                    |                    | POSITIVE | NT                                     |
| 638            | 36776/19        | TISSUE LYMPH NODE       | 23.23                            |                    |                    | POSITIVE | NT                                     |
| 640            | 36777/19        | TISSUE BONE MARROW      | 22.23                            |                    |                    | POSITIVE | NT                                     |
| 642            | 36777/19        | TISSUE SPLEEN           | 25.55                            |                    |                    | POSITIVE | NT                                     |



**Assays and activities marked with \* are not supported by ENAC accreditation**

| Sample<br>ID CISA | ID POLAND'S NRL |                         | UPL-real time PCR <sup>(a)</sup> |                    |                    |          | VI-HAD <sup>(b)*</sup><br>(3 passages) |
|-------------------|-----------------|-------------------------|----------------------------------|--------------------|--------------------|----------|--|
|                   | ID animal       | TYPE OF SAMPLE RECEIVED | CT value                         | 2ª PCR<br>CT value | 2ª PCR<br>CT value | Result   |  |
| 644               | 36777/19        | TISSUE LYMPH NODE       | 25.81                            |                    |                    | POSITIVE | NT                                     |
| 646               | 36771-51/19     | BLOOD SERUM             | 24.17                            |                    |                    | POSITIVE | NT                                     |
| 647               | 36771-52/19     | BLOOD SERUM             | 30.05                            |                    |                    | POSITIVE | NT                                     |
| 648               | 36771-53/19     | BLOOD SERUM             | 21.32                            |                    |                    | POSITIVE | NT                                     |
| 649               | 36771-54/19     | BLOOD SERUM             | 20.51                            |                    |                    | POSITIVE | NT                                     |
| 650               | 36771-56/19     | BLOOD SERUM             | 20.41                            |                    |                    | POSITIVE | NEGATIVE                               |
| 651               | 36859-1/19      | BLOOD SERUM             | 25.35                            |                    |                    | POSITIVE | NT                                     |
| 652               | 36859-2/19      | BLOOD SERUM             | 21.67                            |                    |                    | POSITIVE | NT                                     |
| 653               | 36860/19        | TISSUE SPLEEN           | 20.86                            |                    |                    | POSITIVE | NEGATIVE                               |
| 655               | 36860/19        | TISSUE LYMPH NODE       | 26.21                            |                    |                    | POSITIVE | NT                                     |
| 657               | 36860/19        | TISSUE KIDNEY           | 25.77                            |                    |                    | POSITIVE | NT                                     |
| 659               | 37376/19        | TISSUE BONE MARROW      | 31.27                            |                    |                    | POSITIVE | NT                                     |
| 661               | 37376/19        | TISSUE SPLEEN           | 25.15                            |                    |                    | POSITIVE | NT                                     |
| 663               | 37376/19        | TISSUE LYMPH NODE       | 20.69                            |                    |                    | POSITIVE | NEGATIVE                               |
| 665               | 37376/19        | TISSUE KIDNEY           | 26.45                            |                    |                    | POSITIVE | NT                                     |
| 667               | 37374-59/19     | BLOOD SERUM             | 19.99                            |                    |                    | POSITIVE | NT                                     |
| 668               | 38128/19        | TISSUE SPLEEN           | 25.51                            |                    |                    | POSITIVE | NT                                     |
| 670               | 38128/19        | TISSUE KIDNEY           | 33.55                            |                    |                    | POSITIVE | NT                                     |
| 672               | 38128/19        | TISSUE LUNG             | 34.27                            |                    |                    | POSITIVE | NT                                     |
| 674               | 38129-1/19      | BLOOD SERUM             | 21.4                             |                    |                    | POSITIVE | NEGATIVE                               |
| 675               | 38129-8/19      | BLOOD SERUM             | 19.08 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 676               | 38130/19        | TISSUE SPLEEN           | 17.32                            |                    |                    | POSITIVE | NEGATIVE                               |
| 678               | 38130/19        | TISSUE LYMPH NODE       | 18.63                            |                    |                    | POSITIVE | NT                                     |
| 680               | 38130/19        | TISSUE KIDNEY           | 19.74                            |                    |                    | POSITIVE | NT                                     |
| 682               | 38130/19        | TISSUE LUNG             | 17.97                            |                    |                    | POSITIVE | NT                                     |
| 684               | 38130/19        | TISSUE TONSIL           | 20.52                            |                    |                    | POSITIVE | NT                                     |
| 686               | 38131/19        | TISSUE SPLEEN           | 18.55                            |                    |                    | POSITIVE | NT                                     |
| 688               | 38131/19        | TISSUE LYMPH NODE       | 27.39                            |                    |                    | POSITIVE | NT                                     |
| 690               | 38131/19        | TISSUE KIDNEY           | 24.47                            |                    |                    | POSITIVE | NT                                     |
| 692               | 38131/19        | TISSUE LUNG             | 20.13                            |                    |                    | POSITIVE | NT                                     |
| 694               | 38131/19        | TISSUE TONSIL           | 21.28                            |                    |                    | POSITIVE | NT                                     |
| 696               | 38132/19        | TISSUE SPLEEN           | 26.96                            |                    |                    | POSITIVE | NT                                     |
| 698               | 38132/19        | TISSUE LYMPH NODE       | 38.68                            | No Ct              | 38.19              | WEAK     | NT                                     |
| 700               | 38132/19        | TISSUE KIDNEY           | 27.17                            |                    |                    | POSITIVE | NT                                     |
| 702               | 38132/19        | TISSUE LUNG             | 30.5                             |                    |                    | POSITIVE | NT                                     |
| 704               | 38132/19        | TISSUE TONSIL           | 36.56                            | 36.79              | 36.32              | WEAK     | NT                                     |
| 706               | 38133/19        | TISSUE SPLEEN           | 26.35                            |                    |                    | POSITIVE | NEGATIVE                               |
| 708               | 38133/19        | TISSUE LYMPH NODE       | 23.9                             |                    |                    | POSITIVE | NT                                     |
| 710               | 38133/19        | TISSUE KIDNEY           | 29.9                             |                    |                    | POSITIVE | NT                                     |
| 712               | 38133/19        | TISSUE LUNG             | 29.67                            |                    |                    | POSITIVE | NT                                     |
| 714               | 38133/19        | TISSUE TONSIL           | 23.31                            |                    |                    | POSITIVE | NT                                     |
| 716               | 38400/19        | TISSUE SPLEEN           | 28.75                            |                    |                    | POSITIVE | NEGATIVE                               |
| 718               | 38400/19        | TISSUE LYMPH NODE       | 28.04                            |                    |                    | POSITIVE | NT                                     |
| 720               | 38401-3/19      | BLOOD SERUM             | 22.79 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 721               | 38401-4/19      | BLOOD SERUM             | 26.09 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 722               | 38401-9/19      | BLOOD SERUM             | 27.41                            |                    |                    | POSITIVE | NT                                     |
| 723               | 38401-16/19     | BLOOD SERUM             | 28.23 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 724               | 38401-20/19     | BLOOD SERUM             | 23.4                             |                    |                    | POSITIVE | NEGATIVE                               |
| 725               | 38797/19        | TISSUE LYMPH NODE       | 26.7                             |                    |                    | POSITIVE | NEGATIVE                               |



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| Sample<br>ID CISA | ID POLAND'S NRL |                         | UPL-real time PCR <sup>(a)</sup> |                    |                    |          | VI-HAD <sup>(b)*</sup><br>(3 passages) |
|-------------------|-----------------|-------------------------|----------------------------------|--------------------|--------------------|----------|--|
|                   | ID animal       | TYPE OF SAMPLE RECEIVED | CT value                         | 2ª PCR<br>CT value | 2ª PCR<br>CT value | Result   |  |
| 727               | 38796-2/19      | BLOOD SERUM             | 27.77                            |                    |                    | POSITIVE | NT                                     |
| 728               | 38796-5/19      | BLOOD SERUM             | 20.82                            |                    |                    | POSITIVE | NEGATIVE                               |
| 729               | 38719-8/19      | BLOOD SERUM             | 21.25                            |                    |                    | POSITIVE | NT                                     |
| 730               | 38719-9/19      | BLOOD SERUM             | 23.13                            |                    |                    | POSITIVE | NT                                     |
| 731               | 38719-15/19     | BLOOD SERUM             | 24.47 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 732               | 38719-17/19     | BLOOD SERUM             | 19.51 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 733               | 39531-13/19     | BLOOD SERUM             | 17.55                            |                    |                    | POSITIVE | NEGATIVE                               |
| 734               | 39531-14/19     | BLOOD SERUM             | 23.1                             |                    |                    | POSITIVE | NT                                     |
| 735               | 39531-16/19     | BLOOD SERUM             | 19.96 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 736               | 39531-18/19     | BLOOD SERUM             | 25.68 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 737               | 39531-20/19     | BLOOD SERUM             | 24.79                            |                    |                    | POSITIVE | NT                                     |
| 738               | 38887-1/19      | BLOOD SERUM             | 20.46                            |                    |                    | POSITIVE | NT                                     |
| 739               | 39558-9/19      | BLOOD SERUM             | 19.47                            |                    |                    | POSITIVE | NT                                     |
| 740               | 39558-30/19     | BLOOD SERUM             | 23.46                            |                    |                    | POSITIVE | NT                                     |
| 741               | 39558-42/19     | BLOOD SERUM             | 22.21                            |                    |                    | POSITIVE | NT                                     |
| 742               | 39558-58/19     | BLOOD SERUM             | 19.13                            |                    |                    | POSITIVE | NT                                     |
| 743               | 40645-12/19     | BLOOD SERUM             | 19.3                             |                    |                    | POSITIVE | NEGATIVE                               |
| 744               | 40645-13/19     | BLOOD SERUM             | 19.75                            |                    |                    | POSITIVE | NT                                     |
| 745               | 40645-14/19     | BLOOD SERUM             | 20.74                            |                    |                    | POSITIVE | NT                                     |
| 746               | 40645-15/19     | BLOOD SERUM             | 17.89                            |                    |                    | POSITIVE | NT                                     |
| 747               | 40814-1/19      | BLOOD SERUM             | 23.52                            |                    |                    | POSITIVE | NT                                     |
| 748               | 40814-2/19      | BLOOD SERUM             | 21.32                            |                    |                    | POSITIVE | NEGATIVE                               |
| 749               | 40814-3/19      | BLOOD SERUM             | 26.8 <sup>1</sup>                |                    |                    | POSITIVE | NT                                     |
| 750               | 40814-4/19      | BLOOD SERUM             | 22.49                            |                    |                    | POSITIVE | NT                                     |
| 751               | 40814-5/19      | BLOOD SERUM             | 20.52                            |                    |                    | POSITIVE | NT                                     |
| 752               | 40815/19        | BLOOD SERUM             | 20.06                            |                    |                    | POSITIVE | NEGATIVE                               |
| 753               | 40815/19        | TISSUE LYMPH NODE       | 27.95                            |                    |                    | POSITIVE | NT                                     |
| 755               | 40815/19        | TISSUE KIDNEY           | 23.37                            |                    |                    | POSITIVE | NT                                     |
| 757               | 40815/19        | TISSUE HEART            | 23.75                            |                    |                    | POSITIVE | NT                                     |
| 759               | 45022/19        | TISSUE SPLEEN           | 25.27                            |                    |                    | POSITIVE | NT                                     |
| 761               | 45022/19        | TISSUE KIDNEY           | 33.62                            |                    |                    | POSITIVE | NT                                     |
| 763               | 45023/19        | TISSUE SPLEEN           | 21.18                            |                    |                    | POSITIVE | NEGATIVE                               |
| 765               | 45023/19        | TISSUE KIDNEY           | 23.58                            |                    |                    | POSITIVE | NT                                     |
| 767               | 45023/19        | TISSUE LIVER            | 31.78                            |                    |                    | POSITIVE | NT                                     |
| 769               | 45024/19        | TISSUE KIDNEY           | 24.42                            |                    |                    | POSITIVE | NT                                     |
| 771               | 45024/19        | TISSUE LUNG             | 19.27                            |                    |                    | POSITIVE | NT                                     |
| 773               | 45032-2/19      | BLOOD SERUM             | 22.27                            |                    |                    | POSITIVE | NT                                     |
| 774               | 45032-4/19      | BLOOD SERUM             | 20.5                             |                    |                    | POSITIVE | NT                                     |
| 775               | 45032-9/19      | BLOOD SERUM             | 20.43                            |                    |                    | POSITIVE | NT                                     |
| 776               | 45032-20/19     | BLOOD SERUM             | 18.69                            |                    |                    | POSITIVE | NEGATIVE                               |
| 777               | 47814/19        | TISSUE SPLEEN           | 18.11                            |                    |                    | POSITIVE | NEGATIVE                               |
| 779               | 47814/19        | TISSUE KIDNEY           | 20.16                            |                    |                    | POSITIVE | NT                                     |
| 781               | 47814/19        | TISSUE LUNG             | 18.17                            |                    |                    | POSITIVE | NT                                     |
| 783               | 47815-1/19      | BLOOD SERUM             | 23.23                            |                    |                    | POSITIVE | NT                                     |
| 784               | 47815-4/19      | BLOOD SERUM             | 26.63 <sup>1</sup>               |                    |                    | POSITIVE | NT                                     |
| 785               | 48314-2/19      | BLOOD SERUM             | 17.24                            |                    |                    | POSITIVE | POSITIVE                               |
| 786               | 48358/19        | TISSUE LYMPH NODE       | 25.06                            |                    |                    | POSITIVE | NEGATIVE                               |
| 788               | 48360/19        | TISSUE KIDNEY           | 25.17                            |                    |                    | POSITIVE | NT                                     |



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<sup>1</sup>RESULT OBTAINED IN THE 1:10 DILUTION. NT= NOT TESTED; WEAK = Ct≥35;

- (a) **UPL-real time PCR** → Real time PCR test described by Fernández et al.2013 based on the Universal Probe Library (UPL) and described in the OIE Manual of diagnosis for ASF (**Chapter 3.8.1. OIE edition 2019**).
- (b) **VI-HAD** → Virus isolation and haemadsorption test on PBM cells as is described in the OIE Manual of diagnosis for ASF (**Chapter 3.8.1. OIE edition 2019**).

2. **ASF antibody detection**→ a total of 506 samples were tested by IPT, confirming the presence of antibodies in 165 that correspond to **120 out of the 335 wild boar tested (35.82%)**. The results obtained in ASF antibody detection by IPT in tissue samples are summarized in **table 3**.

| Table 3→ antibody detection by IPT in tissue samples |                 |                |                    |          |                          |
|--|-----------------|----------------|--------------------|----------|--------------------------|
| Sample ID<br>CISA                                    | ID POLAND'S NRL |                | IPT <sup>(a)</sup> |          | Type of sample<br>tested |
|  | Id animal       | Type of sample | Titer              | Result   |                          |
| 1  | 04484/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 3  | 04484/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 5  | 04485/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 7  | 04485/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 9  | 04486/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 11   | 04486/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 13   | 04487/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 15   | 04487/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 17   | 04488/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 19   | 04488/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 24   | 22956/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 26   | 22956/19        | LUNG           | NEG                | NEGATIVE | Exudate                  |
| 29   | 22957/19        | SPLEEN         | 1/40               | WEAK     | Exudate                  |
| 31   | 22957/19        | LYMPH NODE     | 1/10               | WEAK     | Homogenate               |
| 39   | 24872/19        | SPLEEN         | 1/40               | WEAK     | Exudate                  |
| 41   | 24872/19        | KIDNEY         | 1/40               | WEAK     | Homogenate               |
| 43   | 24877/19        | SPLEEN         | NEG                | NEGATIVE | Homogenate               |
| 45   | 24877/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 47   | 24878/19        | SPLEEN         | NEG                | NEGATIVE | Homogenate               |
| 50   | 24878/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 52   | 25852/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 54   | 25852/19        | LYMPH NODE     | NEG                | NEGATIVE | Exudate                  |
| 56   | 25852/19        | KIDNEY         | 1/40               | WEAK     | Exudate                  |
| 58   | 25854/19        | SPLEEN         | 1/40               | WEAK     | Exudate                  |
| 69   | 26026/19        | CLOT           | NEG                | NEGATIVE | Exudate                  |
| 70   | 26027/19        | LYMPH NODE     | 1/80               | POSITIVE | Homogenate               |
| 73   | 25856/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 75   | 25856/19        | LYMPH NODE     | NEG                | NEGATIVE | Exudate                  |
| 77   | 25856/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 79   | 25857/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 81   | 25857/19        | LYMPH NODE     | 1/640              | POSITIVE | Exudate                  |
| 85   | 27785/19        | LUNG           | 1/10               | WEAK     | Homogenate               |
| 87   | 27785/19        | TONSI          | NEG                | NEGATIVE | Homogenate               |
| 102  | 29762/19        | SPLEEN         | 1/5                | WEAK     | Homogenate               |
| 104  | 29762/19        | LYMPH NODE     | NEG                | NEGATIVE | Exudate                  |
| 106  | 29762/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 108  | 29763/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 110  | 29763/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 112  | 29765/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 114  | 29778/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 116  | 29778/19        | LYMPH NODE     | 1/5                | WEAK     | Homogenate               |
| 118  | 29778/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |



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|-------------------|-----------------|----------------|--------------------|----------|--------------------------|
|                   | Id animal       | Type of sample | Titer              | Result   |                          |
| 120               | 29778/19        | LUNG           | NEG                | NEGATIVE | Exudate                  |
| 122               | 29778/19        | TONSIL         | 1/5                | WEAK     | Homogenate               |
| 126               | 30156-1/19      | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 128               | 30156-2/19      | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 131               | 30744/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 133               | 30744/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 135               | 30744/19        | LIVER          | NEG                | NEGATIVE | Homogenate               |
| 137               | 30745/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 139               | 30745/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 141               | 30745/19        | LIVER          | NEG                | NEGATIVE | Homogenate               |
| 143               | 30637/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 152               | 31322/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 154               | 31322/19        | LYMPH NODE     | 1/5                | WEAK     | Homogenate               |
| 156               | 31322/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 163               | 31746/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 165               | 31746/19        | LUNG           | NEG                | NEGATIVE | Exudate                  |
| 167               | 31746/19        | LIVER          | NEG                | NEGATIVE | Exudate                  |
| 172               | 31745/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 174               | 31745/19        | LUNG           | NEG                | NEGATIVE | Exudate                  |
| 176               | 31754/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 178               | 31754/19        | KIDNEY         | 1/1280             | POSITIVE | Exudate                  |
| 180               | 31754/19        | LUNG           | 1/640              | POSITIVE | Exudate                  |
| 182               | 31755/19        | SPLEEN         | 1/40               | WEAK     | Exudate                  |
| 184               | 31755/19        | KIDNEY         | 1/640              | POSITIVE | Exudate                  |
| 186               | 31755/19        | LUNG           | 1/640              | POSITIVE | Exudate                  |
| 188               | 31756/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 190               | 31756/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 192               | 31756/19        | LUNG           | NEG                | NEGATIVE | Exudate                  |
| 194               | 31757/19        | SPLEEN         | 1/320              | POSITIVE | Exudate                  |
| 196               | 31757/19        | LYMPH NODE     | 1/320              | POSITIVE | Exudate                  |
| 198               | 31757/19        | KIDNEY         | 1/320              | POSITIVE | Exudate                  |
| 214               | 32347/19        | SPLEEN         | NEG                | NEGATIVE | Homogenate               |
| 216               | 32347/19        | LYMPH NODE     | NEG                | NEGATIVE | Exudate                  |
| 218               | 32348/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 220               | 32348/19        | LYMPH NODE     | 1/40               | WEAK     | Exudate                  |
| 222               | 32348/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 224               | 32349/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 226               | 32349/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 228               | 32349/19        | KIDNEY         | 1/40               | WEAK     | Exudate                  |
| 230               | 32350/19        | LYMPH NODE     | 1/5                | WEAK     | Homogenate               |
| 232               | 32351/19        | SPLEEN         | 1/40               | WEAK     | Exudate                  |
| 234               | 32351/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 242               | 32938/19        | SPLEEN         | 1/320              | POSITIVE | Exudate                  |
| 244               | 32938/19        | LYMPH NODE     | 1/5                | WEAK     | Homogenate               |
| 246               | 32938/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 249               | 32981-2/19      | SPLEEN         | 1/160              | POSITIVE | Exudate                  |
| 251               | 32981-3/19      | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 253               | 32981-4/19      | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 255               | 32982-1/19      | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 257               | 32982-2/19      | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 259               | 32982-3/19      | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 261               | 32982-4/19      | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 268               | 33177/19        | LYMPH NODE     | 1/5                | WEAK     | Homogenate               |
| 270               | 33177/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 272               | 33177/19        | LUNG           | 1/1280             | POSITIVE | Exudate                  |



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|                   | Id animal       | Type of sample | Titer              | Result   |                          |
| 274               | 33177/19        | LIVER          | NEG                | NEGATIVE | Homogenate               |
| 291               | 33827/19        | SPLEEN         | 1/40               | WEAK     | Exudate                  |
| 293               | 33827/19        | LUNG           | 1/40               | WEAK     | Exudate                  |
| 296               | 33828/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 298               | 33828/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 300               | 33828/19        | LUNG           | 1/160              | POSITIVE | Exudate                  |
| 318               | 33760/19        | LYMPH NODE     | 1/20               | WEAK     | Homogenate               |
| 319               | 33760/19        | KIDNEY         | 1/20               | WEAK     | Homogenate               |
| 320               | 33762/19        | SPLEEN         | NEG                | NEGATIVE | Homogenate               |
| 321               | 33762/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 322               | 33762/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 323               | 33763/19        | SPLEEN         | NEG                | NEGATIVE | Homogenate               |
| 324               | 33763/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 325               | 33763/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 326               | 33764/19        | LYMPH NODE     | 1/5                | WEAK     | Homogenate               |
| 327               | 33764/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 328               | 33765/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 329               | 33765/19        | KIDNEY         | 1/5                | WEAK     | Homogenate               |
| 330               | 33766/19        | SPLEEN         | NEG                | NEGATIVE | Homogenate               |
| 331               | 33766/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 332               | 33766/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 333               | 33767/19        | KIDNEY         | 1/160              | POSITIVE | Homogenate               |
| 334               | 33768/19        | SPLEEN         | NEG                | NEGATIVE | Homogenate               |
| 335               | 33768/19        | LYMPH NODE     | 1/160              | POSITIVE | Homogenate               |
| 336               | 33768/19        | KIDNEY         | 1/160              | POSITIVE | Homogenate               |
| 337               | 33769/19        | SPLEEN         | NEG                | NEGATIVE | Homogenate               |
| 338               | 33769/19        | LYMPH NODE     | 1/40               | WEAK     | Homogenate               |
| 339               | 33769/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 340               | 33770/19        | SPLEEN         | NEG                | NEGATIVE | Homogenate               |
| 341               | 33770/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 342               | 33770/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 343               | 33771/19        | SPLEEN         | NEG                | NEGATIVE | Homogenate               |
| 344               | 33771/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 345               | 33771/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 346               | 33761/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 347               | 33761/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 348               | 34100/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 350               | 34100/19        | LYMPH NODE     | 1/40               | WEAK     | Exudate                  |
| 352               | 34100/19        | KIDNEY         | 1/320              | POSITIVE | Exudate                  |
| 354               | 34101/19        | SPLEEN         | 1/40               | WEAK     | Exudate                  |
| 356               | 34101/19        | LYMPH NODE     | 1/320              | POSITIVE | Exudate                  |
| 358               | 34101/19        | KIDNEY         | 1/40               | WEAK     | Exudate                  |
| 363               | 34152/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 365               | 34152/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 367               | 34248-1/19      | SPLEEN         | 1/5                | WEAK     | Homogenate               |
| 369               | 34248-2/19      | SPLEEN         | 1/320              | POSITIVE | Exudate                  |
| 371               | 34248-3/19      | SPLEEN         | 1/160              | POSITIVE | Exudate                  |
| 376               | 34249/19        | BONE MARROW    | NEG                | NEGATIVE | Homogenate               |
| 380               | 34096-1/19      | SPLEEN         | 1/40               | WEAK     | Exudate                  |
| 382               | 34096-2/19      | SPLEEN         | 1/40               | WEAK     | Exudate                  |
| 384               | 34096-3/19      | SPLEEN         | 1/160              | POSITIVE | Exudate                  |
| 386               | 34096-4/19      | SPLEEN         | 1/40               | WEAK     | Exudate                  |
| 388               | 34096-5/19      | SPLEEN         | 1/320              | POSITIVE | Exudate                  |
| 394               | 34653/19        | LYMPH NODE     | 1/640              | POSITIVE | Exudate                  |
| 396               | 34653/19        | KIDNEY         | 1/40               | WEAK     | Exudate                  |



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|                   | Id animal       | Type of sample | Titer              | Result   |                          |
| 398               | 34654/19        | LYMPH NODE     | 1/640              | POSITIVE | Exudate                  |
| 401               | 34374/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 403               | 34374/19        | LIVER          | NEG                | NEGATIVE | Homogenate               |
| 409               | 34206/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 413               | 34206/19        | LUNG           | NEG                | NEGATIVE | Homogenate               |
| 415               | 34207/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 417               | 34207/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 419               | 34207/19        | LUNG           | NEG                | NEGATIVE | Homogenate               |
| 421               | 34208/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 423               | 34208/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 425               | 34208/19        | LUNG           | NEG                | NEGATIVE | Homogenate               |
| 427               | 34209/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 429               | 34209/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 431               | 34209/19        | LUNG           | NEG                | NEGATIVE | Homogenate               |
| 440               | 34862/19        | SPLEEN         | 1/40               | WEAK     | Exudate                  |
| 441               | 34862/19        | SPLEEN         | NEG                | NEGATIVE | Homogenate               |
| 442               | 34862/19        | LYMPH NODE     | 1/320              | POSITIVE | Exudate                  |
| 444               | 34862/19        | KIDNEY         | 1/20               | WEAK     | Homogenate               |
| 446               | 34863/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 448               | 34863/19        | LYMPH NODE     | 1/5                | WEAK     | Homogenate               |
| 450               | 34863/19        | KIDNEY         | 1/640              | POSITIVE | Exudate                  |
| 452               | 34864/19        | SPLEEN         | 1/160              | POSITIVE | Exudate                  |
| 454               | 34864/19        | LYMPH NODE     | 1/5                | WEAK     | Homogenate               |
| 456               | 34864/19        | KIDNEY         | 1/40               | WEAK     | Homogenate               |
| 458               | 34210/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 460               | 34210/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 462               | 34210/19        | LUNG           | NEG                | NEGATIVE | Exudate                  |
| 464               | 34707/19        | SPLEEN         | 1/320              | POSITIVE | Exudate                  |
| 466               | 34707/19        | KIDNEY         | 1/40               | WEAK     | Homogenate               |
| 468               | 34708/19        | SPLEEN         | 1/40               | WEAK     | Homogenate               |
| 470               | 34708/19        | KIDNEY         | 1/40               | WEAK     | Exudate                  |
| 472               | 35158/19        | SPLEEN         | 1/5                | WEAK     | Homogenate               |
| 474               | 35158/19        | LYMPH NODE     | 1/10               | WEAK     | Homogenate               |
| 476               | 35159/19        | SPLEEN         | NEG                | NEGATIVE | Homogenate               |
| 478               | 35150-1/19      | LYMPH NODE     | 1/320              | POSITIVE | Exudate                  |
| 480               | 35150-2/19      | LYMPH NODE     | 1/160              | POSITIVE | Exudate                  |
| 482               | 35150-3/19      | LYMPH NODE     | 1/10               | WEAK     | Homogenate               |
| 484               | 35150-5/19      | LYMPH NODE     | 1/160              | POSITIVE | Exudate                  |
| 491               | 35164/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 493               | 35164/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 495               | 35165/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 497               | 35165/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 499               | 35165/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 501               | 35166/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 504               | 35166/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 506               | 35167/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 508               | 35167/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 510               | 35168/19        | SPLEEN         | 1/80               | POSITIVE | Exudate                  |
| 512               | 35168/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 514               | 35168/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 516               | 35169/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 518               | 35169/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 520               | 35169/19        | KIDNEY         | 1/40               | WEAK     | Exudate                  |
| 522               | 35170/19        | SPLEEN         | 1/80               | POSITIVE | Exudate                  |
| 524               | 35170/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |





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|                   | Id animal       | Type of sample | Titer              | Result   |                          |
| 526               | 35170/19        | KIDNEY         | 1/160              | POSITIVE | Exudate                  |
| 528               | 35336/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 531               | 35336/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 541               | 35346/19        | SPLEEN         | 1/40               | WEAK     | Exudate                  |
| 543               | 35346/19        | LYMPH NODE     | 1/160              | POSITIVE | Exudate                  |
| 545               | 35346/19        | KIDNEY         | 1/40               | WEAK     | Exudate                  |
| 547               | 35347/19        | LYMPH NODE     | 1/40               | WEAK     | Exudate                  |
| 549               | 35347/19        | KIDNEY         | 1/40               | WEAK     | Exudate                  |
| 551               | 35348/19        | SPLEEN         | 1/160              | POSITIVE | Exudate                  |
| 553               | 35348/19        | KIDNEY         | 1/320              | POSITIVE | Exudate                  |
| 555               | 35349/19        | SPLEEN         | 1/40               | WEAK     | Exudate                  |
| 557               | 35349/19        | LYMPH NODE     | 1/80               | POSITIVE | Exudate                  |
| 559               | 35349/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 561               | 35350/19        | LYMPH NODE     | NEG                | NEGATIVE | Exudate                  |
| 563               | 35350/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 565               | 35350/19        | LUNG           | 1/160              | POSITIVE | Exudate                  |
| 580               | 35503/19        | SPLEEN         | 1/320              | POSITIVE | Exudate                  |
| 582               | 35503/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 584               | 35504-1/19      | SPLEEN         | 1/40               | WEAK     | Exudate                  |
| 586               | 35504-2/19      | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 588               | 35504-3/19      | SPLEEN         | 1/40               | WEAK     | Exudate                  |
| 597               | 36389/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 599               | 36392/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 601               | 36392/19        | LYMPH NODE     | 1/5                | WEAK     | Homogenate               |
| 603               | 36392/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 610               | 36612/19        | SPLEEN         | 1/320              | POSITIVE | Exudate                  |
| 612               | 36612/19        | LYMPH NODE     | 1/320              | POSITIVE | Exudate                  |
| 614               | 36612/19        | KIDNEY         | 1/320              | POSITIVE | Exudate                  |
| 616               | 36613/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 618               | 36613/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 620               | 36613/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 622               | 36774/19        | BONE MARROW    | NEG                | NEGATIVE | Homogenate               |
| 624               | 36774/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 626               | 36774/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 628               | 36775/19        | BONE MARROW    | 1/5                | WEAK     | Homogenate               |
| 630               | 36775/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 632               | 36775/19        | LYMPH NODE     | 1/20               | WEAK     | Homogenate               |
| 634               | 36776/19        | BONE MARROW    | NEG                | NEGATIVE | Homogenate               |
| 636               | 36776/19        | SPLEEN         | 1/80               | POSITIVE | Exudate                  |
| 638               | 36776/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 640               | 36777/19        | BONE MARROW    | NEG                | NEGATIVE | Homogenate               |
| 642               | 36777/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 644               | 36777/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 653               | 36860/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 655               | 36860/19        | LYMPH NODE     | 1/40               | WEAK     | Exudate                  |
| 657               | 36860/19        | KIDNEY         | 1/40               | WEAK     | Exudate                  |
| 659               | 37376/19        | BONE MARROW    | NEG                | NEGATIVE | Homogenate               |
| 661               | 37376/19        | SPLEEN         | 1/40               | WEAK     | Exudate                  |
| 663               | 37376/19        | LYMPH NODE     | 1/640              | POSITIVE | Exudate                  |
| 665               | 37376/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 668               | 38128/19        | SPLEEN         | NEG                | NEGATIVE | Homogenate               |
| 670               | 38128/19        | KIDNEY         | 1/40               | WEAK     | Exudate                  |
| 672               | 38128/19        | LUNG           | 1/5                | WEAK     | Homogenate               |
| 676               | 38130/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 678               | 38130/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |



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| Sample ID<br>CISA | ID POLAND'S NRL |                | IPT <sup>(a)</sup> |          | Type of sample<br>tested |
|-------------------|-----------------|----------------|--------------------|----------|--------------------------|
|                   | Id animal       | Type of sample | Titer              | Result   |                          |
| 680               | 38130/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 682               | 38130/19        | LUNG           | NEG                | NEGATIVE | Homogenate               |
| 684               | 38130/19        | TONSIL         | NEG                | NEGATIVE | Homogenate               |
| 686               | 38131/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 688               | 38131/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 690               | 38131/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 692               | 38131/19        | LUNG           | 1/80               | POSITIVE | Exudate                  |
| 694               | 38131/19        | TONSIL         | NEG                | NEGATIVE | Homogenate               |
| 696               | 38132/19        | SPLEEN         | NEG                | NEGATIVE | Homogenate               |
| 698               | 38132/19        | LYMPH NODE     | NEG                | NEGATIVE | Homogenate               |
| 700               | 38132/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 702               | 38132/19        | LUNG           | NEG                | NEGATIVE | Homogenate               |
| 704               | 38132/19        | TONSIL         | NEG                | NEGATIVE | Exudate                  |
| 706               | 38133/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 708               | 38133/19        | LYMPH NODE     | NEG                | NEGATIVE | Exudate                  |
| 710               | 38133/19        | KIDNEY         | NEG                | NEGATIVE | Exudate                  |
| 712               | 38133/19        | LUNG           | NEG                | NEGATIVE | Homogenate               |
| 714               | 38133/19        | TONSIL         | NEG                | NEGATIVE | Exudate                  |
| 716               | 38400/19        | SPLEEN         | 1/40               | WEAK     | Exudate                  |
| 718               | 38400/19        | LYMPH NODE     | 1/80               | POSITIVE | Exudate                  |
| 725               | 38797/19        | LYMPH NODE     | NEG                | NEGATIVE | Exudate                  |
| 753               | 40815/19        | LYMPH NODE     | 1/20               | WEAK     | Homogenate               |
| 755               | 40815/19        | KIDNEY         | 1/320              | POSITIVE | Exudate                  |
| 757               | 40815/19        | HEART          | 1/80               | POSITIVE | Exudate                  |
| 759               | 45022/19        | SPLEEN         | NEG                | NEGATIVE | Homogenate               |
| 761               | 45022/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 763               | 45023/19        | SPLEEN         | 1/40               | WEAK     | Exudate                  |
| 765               | 45023/19        | KIDNEY         | 1/160              | POSITIVE | Exudate                  |
| 767               | 45023/19        | LIVER          | 1/5                | WEAK     | Homogenate               |
| 769               | 45024/19        | KIDNEY         | 1/40               | WEAK     | Exudate                  |
| 771               | 45024/19        | LUNG           | 1/40               | WEAK     | Exudate                  |
| 777               | 47814/19        | SPLEEN         | NEG                | NEGATIVE | Exudate                  |
| 779               | 47814/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |
| 781               | 47814/19        | LUNG           | NEG                | NEGATIVE | Exudate                  |
| 786               | 48358/19        | LYMPH NODE     | 1/40               | WEAK     | Homogenate               |
| 788               | 48360/19        | KIDNEY         | NEG                | NEGATIVE | Homogenate               |

WEAK= IPT TITER < 1:80

A) **URL-IPT** → **Indirect immunoperoxidase technique** on E70-MS infected cells using the protocol standardized and validated by the European Union Reference Laboratory (EURL) and described in the OIE Manual of diagnosis for ASF (Chapter 3.8.1. OIE edition 2019) [PNT/CISA/PPA/IPT/1]

By the IPT, 48 out of the 208 serum samples tested gave a positive result. With the ELISA test the number of sera tested was 205 and only 13 resulted positives (7 positives and 6 doubtful). All of them were confirmed as positives with the IPT, and 12 by the IB assay (**table 4**).



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| Table 4→ ASF antibody detection in serum samples. |             |                          |        |                       |                         |        |             |
|---|-------------|--------------------------|--------|-----------------------|-------------------------|--------|-------------|
| ID CISA   | Code at NRL | ING-ELISA <sup>(a)</sup> |        | OIE-IB <sup>(b)</sup> | EURL-IPT <sup>(c)</sup> |        | CONCLUSION* |
|   |             | O.D. value               | Result |                       | Titer                   | Result |             |
| 21  | 04483-23/19 | 0.946                    | NEG    | NT                    | 1/160                   | POS    | POSITIVE    |
| 22  | 04483-24/19 | 1.09                     | NEG    | NT                    | 1/40                    | WEAK   | WEAK        |
| 23  | 22956/19    | 1.066                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 28  | 22957/19    | 0.806                    | NEG    | NT                    | 1/640                   | POS    | POSITIVE    |
| 33  | 23146-12/19 | 1.205                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 34  | 23146-15/19 | 1.04                     | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 35  | 22807-2/19  | 1.073                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 36  | 22807-3/19  | 1.095                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 37  | 22807-5/19  | 1.004                    | NEG    | NT                    | 1/40                    | WEAK   | WEAK        |
| 38  | 22808-1/19  | 0.718                    | Doubt  | POS                   | 1/40                    | WEAK   | WEAK        |
| 60  | 25859-36/19 | 0.836                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 61  | 25859-46/19 | 0.908                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 62  | 25859-47/19 | 0.841                    | NEG    | NT                    | 1/40                    | WEAK   | WEAK        |
| 63  | 25859-48/19 | 1.055                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 64  | 25859-53/19 | 0.779                    | NEG    | NT                    | 1/320                   | POS    | POSITIVE    |
| 65  | 25860-1/19  | 0.517                    | POS    | POS                   | 1/640                   | POS    | POSITIVE    |
| 66  | 25860-3/19  | 0.748                    | NEG    | NT                    | 1/40                    | WEAK   | WEAK        |
| 67  | 25860-4/19  | 0.997                    | NEG    | NT                    | 1/40                    | WEAK   | WEAK        |
| 68  | 25860-6/19  | 0.464                    | POS    | POS                   | 1/40                    | WEAK   | WEAK        |
| 72  | 26353/19    | 0.827                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 83  | 27783-1/19  | 0.781                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 84  | 27785/19    | 0.962                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 89  | 28301-1/19  | 0.05                     | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 90  | 28301-3/19  | 1.108                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 91  | 28301-4/19  | 1.203                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 92  | 28301-5/19  | 1.104                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 93  | 28301-8/19  | 1.03                     | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 94  | 28412-1/19  | 1.704                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 95  | 28412-2/19  | 1.125                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 96  | 28412-11/19 | 1.085                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 97  | 28412-12/19 | 1.174                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 98  | 28412-15/19 | 1.316                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 100   | 28690-2/19  | 1.136                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 101   | 28690-4/19  | 1.21                     | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 124   | 29776-30/19 | 0.814                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 125   | 29776-35/19 | 0.873                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 130   | 30155-34/19 | 1.021                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 145   | 30633-1/19  | 0.627                    | POS    | Doubt                 | 1/5120                  | POS    | POSITIVE    |
| 146   | 30633-15/19 | 1.073                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 147   | 30527-1/19  | 1.433                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 148   | 30527-6/19  | 1.129                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 149   | 31052/19    | 0.727                    | Doubt  | Doubt                 | 1/40                    | WEAK   | WEAK        |
| 150   | 30899-2/19  | 1.072                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 151   | 31322/19    | 1.106                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 158   | 31323-1/19  | 1.006                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 159   | 31323-3/19  | 1.017                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |
| 160   | 31370-15/19 | 1.079                    | NEG    | NT                    | NEG                     | NEG    | NEGATIVE    |



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| ID CISA | Code at NRL  | ING-ELISA (a) |        | OIE-IB (b) | EURL-IPT(c) |        | CONCLUSION* |
|---------|--------------|---------------|--------|------------|-------------|--------|-------------|
|         |              | O.D. value    | Result |            | Titer       | Result |             |
| 161     | 31370-19/19  | 1.177         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 162     | 31370-23/19  | 1.213         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 169     | 31744-3/19   | 1.093         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 170     | 31744-4/19   | 0.988         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 171     | 31744-5/19   | 1.194         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 200     | 31751-5/19   | 1.054         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 201     | 31751-7/19   | 1.05          | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 202     | 31752-4/19   | 1.086         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 203     | 31752-6/19   | 1.137         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 204     | 31752-7/19   | 1.255         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 205     | 32169-3/19   | 1.217         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 206     | 32169-4/19   | 1.035         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 207     | 32169-8/19   | 1.016         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 208     | 32169-10/19  | 1.019         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 209     | 32169-12/19  | 1.115         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 210     | 32304-3/19   | 1.005         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 211     | 32316-1/19   | 1.244         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 212     | 32316-2/19   | 1.183         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 213     | 32316-3/19   | 1.129         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 236     | 32352-102/19 | NT            | NT     | NT         | NEG         | NEG    | NEGATIVE    |
| 237     | 32352-106/19 | 1.132         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 238     | 32352-107/19 | NT            | NT     | NT         | NEG         | NEG    | NEGATIVE    |
| 239     | 32352-109/19 | 0.622         | POS    | POS        | 1/5120      | POS    | POSITIVE    |
| 240     | 32352-110/19 | 0.872         | NEG    | NT         | 1/40        | WEAK   | WEAK        |
| 241     | 32693/19     | 0.955         | NEG    | NT         | 1/320       | POS    | POSITIVE    |
| 248     | 32939-8/19   | NT            | NT     | NT         | NEG         | NEG    | NEGATIVE    |
| 263     | 32980-1/19   | 1.191         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 264     | 32980-6/19   | 1.066         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 265     | 32980-7/19   | 1.121         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 266     | 32980-8/19   | 1.043         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 267     | 32980-9/19   | 1.075         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 276     | 33176-3/19   | 0.956         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 277     | 33176-5/19   | 1.076         | NEG    | NT         | 1/80        | POS    | POSITIVE    |
| 278     | 33176-6/19   | 1.09          | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 279     | 33176-7/19   | 1.145         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 280     | 33176-8/19   | 1.14          | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 281     | 33728-1/19   | 0.873         | NEG    | NT         | 1/640       | POS    | POSITIVE    |
| 282     | 33729-12/19  | 0.758         | Doubt  | Doubt      | 1/640       | POS    | POSITIVE    |
| 283     | 33729-13/19  | 0.893         | NEG    | NT         | 1/40        | WEAK   | WEAK        |
| 284     | 33729-18/19  | 0.626         | POS    | POS        | 1/640       | POS    | POSITIVE    |
| 285     | 33729-19/19  | 0.92          | NEG    | NT         | 1/320       | POS    | POSITIVE    |
| 286     | 33729-26/19  | 1.23          | NEG    | NT         | 1/40        | WEAK   | WEAK        |
| 287     | 33826-1/19   | 0.998         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 288     | 33826-3/19   | 1.089         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 289     | 33826-4/19   | 1.105         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 290     | 33826-5/19   | 0.979         | NEG    | NT         | 1/80        | POS    | POSITIVE    |
| 295     | 33828/19     | 1.059         | NEG    | NT         | 1/160       | POS    | POSITIVE    |
| 302     | 33749-8/19   | 1.281         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |



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|---------|-------------|---------------|--------|------------|-------------|--------|-------------|
|         |             | O.D. value    | Result |            | Titer       | Result |             |
| 303     | 33749-15/19 | 1.192         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 304     | 33749-16/19 | 1.278         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 305     | 33749-19/19 | 1.245         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 306     | 33749-20/19 | 1.091         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 360     | 34151-2/19  | 0.967         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 361     | 34151-3/19  | 1.073         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 362     | 34151-4/19  | 1.108         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 373     | 34099-8/19  | 0.978         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 374     | 34099-10/19 | 1.252         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 375     | 34099-15/19 | 1.179         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 378     | 34086-1/19  | 0.604         | POS    | POS        | 1/320       | POS    | POSITIVE    |
| 379     | 34086-2/19  | 1.102         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 390     | 34097-5/19  | 1.111         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 391     | 34097-6/19  | 1.121         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 392     | 34247/19    | 0.338         | POS    | POS        | 1/2560      | POS    | POSITIVE    |
| 393     | 34653/19    | 0.708         | Doubt  | POS        | 1/160       | POS    | POSITIVE    |
| 405     | 34205-1/19  | 0.945         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 406     | 34205-2/19  | 1.333         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 407     | 34205-3/19  | 1.126         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 408     | 34205-4/19  | 1.238         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 433     | 34594-2/19  | 1.009         | NEG    | NT         | 1/40        | WEAK   | WEAK        |
| 434     | 34594-3/19  | 2.364         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 435     | 34594-4/19  | 0.903         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 436     | 34655-3/19  | 0.702         | Doubt  | POS        | 1/160       | POS    | POSITIVE    |
| 437     | 34655-4/19  | 1.162         | NEG    | NT         | 1/40        | WEAK   | WEAK        |
| 438     | 34655-5/19  | 0.997         | NEG    | NT         | 1/160       | POS    | POSITIVE    |
| 439     | 34655-6/19  | 1.175         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 486     | 35160-1/19  | 1.025         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 487     | 35160-4/19  | 1.036         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 488     | 35160-7/19  | 1.047         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 489     | 35160-8/19  | 0.969         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 490     | 35160-14/19 | 1.081         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 533     | 35337-1/19  | 1.437         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 534     | 35337-3/19  | 1.162         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 535     | 35343-47/19 | 1.183         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 536     | 35343-48/19 | 1.184         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 537     | 35343-52/19 | 1.166         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 538     | 35343-54/19 | 1.203         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 539     | 35343-59/19 | 1.164         | NEG    | NT         | 1/40        | WEAK   | WEAK        |
| 540     | 35345-19/19 | 1.098         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 567     | 35351-2/19  | 0.785         | NEG    | NT         | 1/320       | POS    | POSITIVE    |
| 568     | 35151-5/19  | 1.85          | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 569     | 35151-6/19  | 0.752         | NEG    | NT         | 1/640       | POS    | POSITIVE    |
| 570     | 35151-7/19  | 1.201         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 571     | 35162-1/19  | 1.083         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 572     | 35162-12/19 | 1.035         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 573     | 35162-19/19 | 1.026         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 574     | 35163-3/19  | 1.224         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |



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|---------|-------------|---------------|--------|------------|-------------|--------|-------------|
|         |             | O.D. value    | Result |            | Titer       | Result |             |
| 575     | 35246-8/19  | 1.278         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 576     | 35246-9/19  | 1.301         | NEG    | NT         | 1/40        | WEAK   | WEAK        |
| 577     | 35246-13/19 | 2.406         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 578     | 35246-16/19 | 1.699         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 579     | 35246-17/19 | 2.506         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 590     | 35505-1/19  | 0.834         | NEG    | NT         | 1/40        | WEAK   | WEAK        |
| 591     | 35505-2/19  | 0.853         | NEG    | NT         | 1/40        | WEAK   | WEAK        |
| 592     | 35465-23/19 | 1.406         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 593     | 35919-1/19  | 1.218         | NEG    | NT         | 1/80        | POS    | POSITIVE    |
| 594     | 35919-2/19  | 1.702         | NEG    | NT         | 1/320       | POS    | POSITIVE    |
| 595     | 35919-3/19  | 0.994         | NEG    | NT         | 1/320       | POS    | POSITIVE    |
| 596     | 35919-4/19  | 0.969         | NEG    | NT         | 1/320       | POS    | POSITIVE    |
| 605     | 36393-1/19  | 1.345         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 606     | 36239-51/19 | 1.111         | NEG    | NT         | 1/320       | POS    | POSITIVE    |
| 607     | 36239-53/19 | 1.235         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 608     | 36239-57/19 | 1.408         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 609     | 36239-58/19 | 1.583         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 646     | 36771-51/19 | 1.384         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 647     | 36771-52/19 | 1.166         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 648     | 36771-53/19 | 1.115         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 649     | 36771-54/19 | 1.198         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 650     | 36771-56/19 | 3.31          | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 651     | 36859-1/19  | 1.476         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 652     | 36859-2/19  | 0.861         | NEG    | NT         | 1/640       | POS    | POSITIVE    |
| 667     | 37374-59/19 | 2.084         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 674     | 38129-1/19  | 1.428         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 675     | 38129-8/19  | 1.217         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 720     | 38401-3/19  | 1.254         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 721     | 38401-4/19  | 1.183         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 722     | 38401-9/19  | 1.349         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 723     | 38401-16/19 | 1.267         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 724     | 38401-20/19 | 1.28          | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 727     | 38796-2/19  | 1.419         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 728     | 38796-5/19  | NT            | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 729     | 38719-8/19  | 1.372         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 730     | 38719-9/19  | 1.3           | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 731     | 38719-15/19 | 1.364         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 732     | 38719-17/19 | 1.394         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 733     | 39531-13/19 | 1.266         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 734     | 39531-14/19 | 1.324         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 735     | 39531-16/19 | 1.406         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 736     | 39531-18/19 | 1.255         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 737     | 39531-20/19 | 1.198         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 738     | 38887-1/19  | 1.181         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 739     | 39558-9/19  | 0.723         | Doubt  | NEG        | 1/320       | POS    | POSITIVE    |
| 740     | 39558-30/19 | 1.333         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 741     | 39558-42/19 | 1.449         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 742     | 39558-58/19 | 1.279         | NEG    | NT         | 1/160       | POS    | POSITIVE    |

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| ID CISA | Code at NRL | ING-ELISA (a) |        | OIE-IB (b) | EURL-IPT(c) |        | CONCLUSION* |
|---------|-------------|---------------|--------|------------|-------------|--------|-------------|
|         |             | O.D. value    | Result |            | Titer       | Result |             |
| 743     | 40645-12/19 | 1.594         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 744     | 40645-13/19 | 1.342         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 745     | 40645-14/19 | 1.261         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 746     | 40645-15/19 | 1.184         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 747     | 40814-1/19  | 1.614         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 748     | 40814-2/19  | 1.388         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 749     | 40814-3/19  | 1.257         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 750     | 40814-4/19  | 1.337         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 751     | 40814-5/19  | 1.331         | NEG    | NT         | 1/640       | POS    | POSITIVE    |
| 752     | 40815/19    | 1.358         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 773     | 45032-2/19  | 1.283         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 774     | 45032-4/19  | 1.146         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 775     | 45032-9/19  | 1.383         | NEG    | NT         | 1/320       | POS    | POSITIVE    |
| 776     | 45032-20/19 | 1.432         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 783     | 47815-1/19  | 1.397         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 784     | 47815-4/19  | 1.382         | NEG    | NT         | NEG         | NEG    | NEGATIVE    |
| 785     | 48314-2/19  | 1.43          | NEG    | NT         | NEG         | NEG    | NEGATIVE    |

WEAK= IPT Titre <1/80; NT = not tested.

(a) **ELISA INGENASA K3** → commercial ELISA kit Ingezim PPA Compac (11.PPA k3). [PNT/CISA/PPA/ELISA/2]

(b) **OIE-IB** → Immunoblotting described in the OIE Manual of diagnosis for ASF (Chapter 3.8.1. OIE edition 2019)

[PNT/CISA/PPA/IB/1]

(c) **EURL-IPT** → indirect immunoperoxidase technique on E70MS infected cells using the protocol standardized and validated by the European Union Reference Laboratory (URL). [PNT/CISA/PPA/IPT/1] and in the OIE Manual of diagnosis for ASF (Chapter 3.8.1. OIE edition 2019).

### 3. ASFV molecular characterization\*

Genetic characterization of ASFV was achieved in **49 PCR positive wild boar representatives of the 46 wild boar cases received.**

Sequence analysis of the CVR within the *B602L* gene and the intergenic region between the *MGF 505 9R* and the *10R* genes (MGF) placed the ASFVs within the **GII-CVR1** and **GII-MGF -1 variants**, respectively, mostly circulating in the EU countries. However, the amplification of the **intergenic region between the 173R and 1329L genes** (*IGRI73R-1329L*), generated amplicons ranging from around 367 to 387 bp from the Polish WB viruses. The samples ID 1 (*Pol19/WB/CASE1*), 35 (*Pol19/WB/CASE2*), 101 (*Pol19/WB/CASE7*), 126 (*Pol19/WB/CASE10*), 151 (*Pol19/WB/CASE13*), 178 (*Pol19/WB/CASE15*), 350 (*Pol19/WB/CASE24*), 557 (*Pol19/WB/CASE31*) and 663 (*Pol19/WB/CASE38*) collected in the North of Poland (**figure 1**), gave a PCR amplicons of 387bp. The nucleotide sequence analysis of these PCR products revealed the presence in these viruses of a new tandem repeat sequence insertion of 10 nts **TATATAGGAA** (**figure 2**) not previously identified in other EU ASFV isolates available at the EURL. This variant has been named **GII-IGR<sub>173R-1329L</sub>-4**. The remaining viruses belonged to the *GII-IGR<sub>173R-1329L</sub>-2* mostly circulating in the EU countries

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**Figure 1:** map localization of Polish wild boar ASFVs sequenced showing the localization of the ASFVs belonging to the **IGR173R-1329L-4 variant (in red)**. The **GII-IGR173R-1329L-2** ASFVs are marked in blue.



**Figure 2:** Partial nucleotide sequence alignment of the intergenic region between the genes *I72R* and *I329L* in the ASFV isolates representatives of the variant **IGR1** (Georgia type), **IGR2** (EU type), **IGR3** (identified in Eastern Poland in 2017-2018) and the new **IGR4** variant identified within this study. The mutation that results in the insertion of a single nucleotide internal repeat sequence (**TATATAGGAA**) representative of the **IGR4** variant in the **Polish WB ASFV isolates**, as, is indicated by grey shading.

|                  |   |       |
|------------------|---|-------|
| IGR173R-I329L-1  | TATATAGGAA-----TATATAGAAATATATAGAAA                     | 150   |
| IGR173R-I329L-2  | TATATAGGAATATATAGGAA-----TATATAGAAATATATAGAAA           | 160   |
| IGR173R-I329L-3  | TATATAGGAATATATAGGAATATATAGAAA-----TATATAGAAATATATAGAAA | 170   |
| Pol119/WB/CASE1  | TATATAGGAATATATAGGAATATATAGGAAATATATAGGAAATATATAGAAA    | 180   |
| Pol119/WB/CASE2  | TATATAGGAATATATAGGAATATATAGGAAATATATAGGAAATATATAGAAA    | 180   |
| Pol119/WB/CASE7  | TATATAGGAATATATAGGAATATATAGGAAATATATAGGAAATATATAGAAA    | 180   |
| Pol119/WB/CASE10 | TATATAGGAATATATAGGAATATATAGGAAATATATAGGAAATATATAGAAA    | 180   |
| Pol119/WB/CASE13 | TATATAGGAATATATAGGAATATATAGGAAATATATAGGAAATATATAGAAA    | 180   |
| Pol119/WB/CASE15 | TATATAGGAATATATAGGAATATATAGGAAATATATAGGAAATATATAGAAA    | 180   |
| Pol119/WB/CASE24 | TATATAGGAATATATAGGAATATATAGGAAATATATAGGAAATATATAGAAA    | 180   |
| Pol119/WB/CASE31 | TATATAGGAATATATAGGAATATATAGGAAATATATAGGAAATATATAGAAA    | 180   |
| Pol119/WB/CASE38 | TATATAGGAATATATAGGAATATATAGGAAATATATAGGAAATATATAGAAA    | 180   |
|                  | *****   | ***** |

The **table 5** summarizes the results obtained the molecular characterization results of genotype II ASFVs done at the EURL.





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**Table 5→ Summary of the molecular characterization results from Eastern and Central European ASFV isolates 2007-2020**

| COUNTRY              | YEAR       | P72 GENOTYPE | CVR SUBTYPING            | IGR <sub>173R-1329L</sub> SUBTYPING | IGR <sub>MGF</sub> SUBTYPING |
|----------------------|------------|--------------|--------------------------|-------------------------------------|------------------------------|
| Georgia              | 2007       | II           | CVR1                     | IGR-1                               | MGF -1                       |
| Armenia              | 2007       | II           | CVR1                     | IGR-1                               | MGF -1                       |
| Azerbaijan           | 2008       | II           | CVR1                     | IGR-1                               | MGF -1                       |
| Russia Federation    | 2007-2012  | II           | CVR1                     | IGR-1                               | MGF -1                       |
|                      | 2012-2017  | II           | CVR1                     | IGR-1 + IGR-2                       | MGF -1 + MGF -2 + MGF -3     |
| Ukraine              | 2012, 2015 | II           | CVR1                     | IGR-2                               | MGF -1                       |
| Belarus              | 2013       | II           | CVR1                     | IGR -2                              | MGF -1                       |
| Estonia              | 2014       | II           | CVR1                     | IGR-2                               | MGF -1                       |
|                      | 2015-2018  | II           | CVR1 + CVR1SNP1* + CVR 2 | IGR-2                               | MGF -1                       |
| Latvia               | 2014-2018  | II           | CVR1                     | IGR-2                               | MGF -1                       |
|                      | 2017       | II           | CVR1                     | IGR-2                               | MGF -1+ MGF -1V** + MGF -2   |
|                      | 2018       | II           | CVR1                     | IGR-2                               | MGF -1+ MGF -1V** + MGF -2   |
|                      | 2019       | II           | CVR1                     | IGR-2                               | MGF -1+ MGF -2               |
| Lithuania            | 2014-2016  | II           | CVR1                     | IGR-2                               | MGF -1                       |
|                      | 2017-2019  | II           | CVR1+CVR1SNP3*           | IGR-2                               | MGF -1+ MGF -4 + MGF -5      |
| Poland               | 2014-2015  | II           | CVR1                     | IGR-2                               | MGF -1                       |
|                      | 2016       | II           | CVR1                     | IGR-2                               | MGF -1 + MGF -2              |
|                      | 2017       | II           | CVR1 + CVR1SNP2*         | IGR-1 + IGR-2+ IGR3                 | MGF -1 + MGF -2              |
|                      | 2018       | II           | CVR1                     | IGR-2+ IGR3                         | MGF -1                       |
|                      | 2019       | II           | CVR1                     | IGR-2+ IGR4                         | MGF -1                       |
| Moldova              | 2016-2018  | II           | CVR1                     | IGR-2                               | MGF -1                       |
| Czech Republic       | 2017-2018  | II           | CVR1                     | IGR-2                               | MGF -1                       |
| Romania              | 2017-2018  | II           | CVR1                     | IGR-2                               | MGF -1                       |
| Hungary              | 2018-2019  | II           | CVR1                     | IGR-2                               | MGF -1                       |
| Bulgaria             | 2018-2020  | II           | CVR1                     | IGR-2                               | MGF -1                       |
| Belgium              | 2018       | II           | CVR1                     | IGR-2                               | MGF -1                       |
| Serbia               | 2019-2020  | II           | CVR1                     | IGR-2                               | MGF -1                       |
| Slovakia             | 2019       | II           | CVR1                     | IGR-2                               | MGF -1                       |
| Greece               | 2020       | II           | CVR1                     | IGR-2                               | MGF -1                       |
| Germany <sup>1</sup> | 2020       | II           | CVR1                     | IGR-2                               | MGF -1                       |

1: sequence done at the German's NRL (Genbank Acc N<sup>o</sup> LR899193.1)

\*single nucleotide polymorphism within the CVR 1 variant.

\*\*multigene family 505 1-(MGF-1) variant.



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## CONCLUSION

1. The **presence of ASF was confirmed** by ASFV genome detection and/or antibody detection in **all wild boar cases received** from Poland since **January 2019 up to the middle of October 2019**. Samples were from the regions of Warmińsko-Mazurskie (northern Poland), Mazowieckie (central Poland), Lubelskie (eastern Poland) and Podlaskie (northeastern Poland).
2. The **CVR subtyping** clustered the Polish wild boar viruses within **the CVR-1 variant** majority circulating in the Eastern European countries since the first introduction in Georgia in 2007.
3. The **intergenic region (IGR I73R-I329L)** subtyping placed the Polish wild boar viruses from cases 1, 2, 10, 13, 15, 24 31 and 38 from Northern Poland in a new variant named **IGR I73R-I329L variant 4 (IGR-4), not previously described within the EU countries**.
4. The reaminiang wild boar viruses were classified within **IGR I73R-I329L variant 2 (IGR-2)** identical to that responsible of the cases occurred in wild boar and in domestic pigs in the EU countries since the ASFV entrance into the EU in 2014 and initially discovered in certain regions of the Russian Federation in 2012 (from the data available at the EURL).
5. The **MGF 505 subtyping** placed the Polish wild boar viruses within the **MGF variant 1 (MFG-1)** identical to that present in most ASFVs isolated since 2014 from wild boar and domestic pigs in the EU countries, as well as in the ASFV isolates available at the EURL collected from the outbreaks occurred in Belarus in 2013, Ukraine 2012 and 2015 and Moldova in 2016, 2017, 2018 (available at the EURL).

The **table 6** summarizes the results obtained in each animal combining virus and antibody detection tests, as well as the genotyping results.



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| Table 6→ASF final diagnostic result |       |              |                 |                    |                |            |        |                              |        |
|-------------------------------------|-------|--------------|-----------------|--------------------|----------------|------------|--------|------------------------------|--------|
| DATE OF SAMPLING                    | CASE  | ID WILD BOAR | VIRUS DETECTION | ANTIBODY DETECTION | ASFV ISOLATE   | GENOTYPING |        |                              |        |
| 28/01/2019                          | CASE1 | 04485/19     | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 28/01/2019                          | CASE1 | 04486/19     | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 28/01/2019                          | CASE1 | 04487/19     | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 28/01/2019                          | CASE1 | 04488/19     | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 28/01/2019                          | CASE1 | 04483-23/19  | POSITIVE        | POSITIVE           | Not sequenced  |            |        |                              |        |
| 28/01/2019                          | CASE1 | 04483-24/19  | POSITIVE        | WEAK <sup>2</sup>  | Not sequenced  |            |        |                              |        |
| 28/01/2019                          | CASE1 | 04484/19     | POSITIVE        | NEGATIVE           | Pol19/WB/CASE1 | GII        | CVR- 1 | IGR <sub>I73R-I329L</sub> -4 | MGF -1 |
| 16/05/2019                          | CASE2 | 22956/19     | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 16/05/2019                          | CASE2 | 22807-3/19   | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 16/05/2019                          | CASE2 | 22957/19     | POSITIVE        | POSITIVE           | Not sequenced  |            |        |                              |        |
| 16/05/2019                          | CASE2 | 22807-5/19   | POSITIVE        | POSITIVE           | Not sequenced  |            |        |                              |        |
| 16/05/2019                          | CASE2 | 22808-1/19   | POSITIVE        | WEAK               | Not sequenced  |            |        |                              |        |
| 16/05/2019                          | CASE2 | 22807-2/19   | POSITIVE        | NEGATIVE           | Pol19/WB/CASE2 | GII        | CVR- 1 | IGR <sub>I73R-I329L</sub> -4 | MGF -1 |
| 18/05/2019                          | CASE2 | 23146-12/19  | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 18/05/2019                          | CASE2 | 23146-15/19  | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 28/05/2019                          | CASE3 | 24877/19     | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 28/05/2019                          | CASE3 | 24878/19     | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 28/05/2019                          | CASE3 | 24872/19     | POSITIVE        | WEAK               | Pol19/WB/CASE3 | GII        | CVR- 1 | IGR <sub>I73R-I329L</sub> -2 | MGF -1 |
| 31/05/2019                          | CASE3 | 25859-36/19  | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 31/05/2019                          | CASE3 | 25859-46/19  | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 31/05/2019                          | CASE3 | 25859-48/19  | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 31/05/2019                          | CASE3 | 25856/19     | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 31/05/2019                          | CASE3 | 25859-53/19  | POSITIVE        | POSITIVE           | Not sequenced  |            |        |                              |        |
| 31/05/2019                          | CASE3 | 25860-1/19   | POSITIVE        | POSITIVE           | Not sequenced  |            |        |                              |        |
| 31/05/2019                          | CASE3 | 25857/19     | POSITIVE        | POSITIVE           | Not sequenced  |            |        |                              |        |
| 31/05/2019                          | CASE3 | 25852/19     | POSITIVE        | WEAK               | Not sequenced  |            |        |                              |        |
| 31/05/2019                          | CASE3 | 25854/19     | POSITIVE        | WEAK               | Not sequenced  |            |        |                              |        |
| 31/05/2019                          | CASE3 | 25859-47/19  | POSITIVE        | WEAK               | Not sequenced  |            |        |                              |        |
| 31/05/2019                          | CASE3 | 25860-3/19   | POSITIVE        | WEAK               | Not sequenced  |            |        |                              |        |
| 31/05/2019                          | CASE3 | 25860-4/19   | POSITIVE        | WEAK               | Not sequenced  |            |        |                              |        |
| 31/05/2019                          | CASE3 | 25860-6/19   | POSITIVE        | WEAK               | Not sequenced  |            |        |                              |        |
| 11/06/2019                          | CASE5 | 27783-1/19   | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 11/06/2019                          | CASE5 | 27785/19     | POSITIVE        | WEAK               | Pol19/WB/CASE5 | GII        | CVR- 1 | IGR <sub>I73R-I329L</sub> -2 | MGF -1 |
| 16/06/2019                          | CASE6 | 28301-1/19   | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 16/06/2019                          | CASE6 | 28301-3/19   | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 16/06/2019                          | CASE6 | 28301-4/19   | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 16/06/2019                          | CASE6 | 28301-5/19   | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 16/06/2019                          | CASE6 | 28301-8/19   | POSITIVE        | NEGATIVE           | Pol19/WB/CASE6 | GII        | CVR- 1 | IGR <sub>I73R-I329L</sub> -2 | MGF -1 |
| 17/06/2019                          | CASE6 | 28412-1/19   | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 17/06/2019                          | CASE6 | 28412-2/19   | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 17/06/2019                          | CASE6 | 28412-11/19  | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 17/06/2019                          | CASE6 | 28412-12/19  | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 17/06/2019                          | CASE6 | 28412-15/19  | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 17/06/2019                          | CASE6 | 28413/19     | POSITIVE        | NT                 | Not sequenced  |            |        |                              |        |
| 18/06/2019                          | CASE7 | 28690-2/19   | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 18/06/2019                          | CASE7 | 28690-4/19   | POSITIVE        | NEGATIVE           | Pol19/WB/CASE7 | GII        | CVR- 1 | IGR <sub>I73R-I329L</sub> -4 | MGF -1 |
| 24/06/2019                          | CASE8 | 29763/19     | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 24/06/2019                          | CASE8 | 29765/19     | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |
| 24/06/2019                          | CASE9 | 29776-30/19  | POSITIVE        | NEGATIVE           | Not sequenced  |            |        |                              |        |



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| DATE OF SAMPLING | CASE   | ID WILD BOAR | VIRUS DETECTION | ANTIBODY DETECTION | ASFV ISOLATE    | GENOTYPING |        |                              |        |
|------------------|--------|--------------|-----------------|--------------------|-----------------|------------|--------|------------------------------|--------|
| 24/06/2019       | CASE8  | 29762/19     | POSITIVE        | WEAK               | Pol19/WB/CASE8  | GII        | CVR- 1 | IGR <sub>I73R-I329L</sub> -2 | MGF -1 |
| 24/06/2019       | CASE9  | 29776-35/19  | POSITIVE        | NEGATIVE           | Pol19/WB/CASE9  | GII        | CVR- 1 | IGR <sub>I73R-I329L</sub> -2 | MGF -1 |
| 25/06/2019       | CASE9  | 29778/19     | POSITIVE        | WEAK               | Not sequenced   |            |        |                              |        |
| 26/06/2019       | CASE10 | 30156-2/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 26/06/2019       | CASE10 | 30155-34/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 26/06/2019       | CASE10 | 30156-1/19   | POSITIVE        | NEGATIVE           | Pol19/WB/CASE10 | GII        | CVR- 1 | IGR <sub>I73R-I329L</sub> -4 | MGF -1 |
| 27/06/2019       | CASE10 | 30637/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 28/06/2019       | CASE8  | 30633-15/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 28/06/2019       | CASE9  | 30527-1/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 28/06/2019       | CASE9  | 30527-6/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 28/06/2019       | CASE8  | 30633-1/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                              |        |
| 01/07/2019       | CASE11 | 30745/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 01/07/2019       | CASE11 | 30744/19     | POSITIVE        | NEGATIVE           | Pol19/WB/CASE11 | GII        | CVR- 1 | IGR <sub>I73R-I329L</sub> -2 | MGF -1 |
| 02/07/2019       | CASE11 | 30899-2/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 02/07/2019       | CASE13 | 31323-1/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 02/07/2019       | CASE13 | 31323-3/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 02/07/2019       | CASE13 | 31751-5/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 02/07/2019       | CASE13 | 31751-7/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 02/07/2019       | CASE13 | 31752-4/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 02/07/2019       | CASE13 | 31752-6/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 02/07/2019       | CASE13 | 31752-7/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 02/07/2019       | CASE12 | 31052/19     | POSITIVE        | WEAK               | Pol19/WB/CASE12 | GII        | CVR- 1 | IGR <sub>I73R-I329L</sub> -2 | MGF -1 |
| 02/07/2019       | CASE13 | 31322/19     | POSITIVE        | WEAK               | Pol19/WB/CASE13 | GII        | CVR- 1 | IGR <sub>I73R-I329L</sub> -4 | MGF -1 |
| 03/07/2019       | CASE12 | 31370-15/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 03/07/2019       | CASE12 | 31370-19/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 03/07/2019       | CASE12 | 31370-23/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 05/07/2019       | CASE14 | 31744-3/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 05/07/2019       | CASE14 | 31744-4/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 05/07/2019       | CASE14 | 31744-5/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 05/07/2019       | CASE14 | 31745/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 05/07/2019       | CASE15 | 31756/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 05/07/2019       | CASE15 | 31755/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                              |        |
| 05/07/2019       | CASE15 | 31757/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                              |        |
| 05/07/2019       | CASE14 | 31746/19     | POSITIVE        | NEGATIVE           | Pol19/WB/CASE14 | GII        | CVR- 1 | IGR <sub>I73R-I329L</sub> -2 | MGF -1 |
| 05/07/2019       | CASE15 | 31754/19     | POSITIVE        | POSITIVE           | Pol19/WB/CASE15 | GII        | CVR- 1 | IGR <sub>I73R-I329L</sub> -4 | MGF -1 |
| 08/07/2019       | CASE14 | 32169-3/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 08/07/2019       | CASE14 | 32169-4/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 08/07/2019       | CASE14 | 32169-8/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 08/07/2019       | CASE14 | 32169-10/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 08/07/2019       | CASE14 | 32169-12/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 09/07/2019       | CASE15 | 32347/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 09/07/2019       | CASE15 | 32352-106/19 | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 09/07/2019       | CASE15 | 32352-107/19 | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 09/07/2019       | CASE15 | 32352-102/19 | WEAK*           | NEGATIVE           | Not sequenced   |            |        |                              |        |
| 09/07/2019       | CASE15 | 32352-109/19 | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                              |        |
| 09/07/2019       | CASE15 | 32348/19     | POSITIVE        | WEAK               | Not sequenced   |            |        |                              |        |
| 09/07/2019       | CASE15 | 32349/19     | POSITIVE        | WEAK               | Not sequenced   |            |        |                              |        |
| 09/07/2019       | CASE15 | 32350/19     | POSITIVE        | WEAK               | Not sequenced   |            |        |                              |        |
| 09/07/2019       | CASE15 | 32351/19     | POSITIVE        | WEAK               | Not sequenced   |            |        |                              |        |
| 09/07/2019       | CASE15 | 32352-110/19 | POSITIVE        | WEAK               | Not sequenced   |            |        |                              |        |



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| DATE OF SAMPLING | CASE   | ID WILD BOAR | VIRUS DETECTION | ANTIBODY DETECTION | ASFV ISOLATE    | GENOTYPING |        |                 |        |
|------------------|--------|--------------|-----------------|--------------------|-----------------|------------|--------|-----------------|--------|
| 10/07/2019       | CASE17 | 32316-2/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 10/07/2019       | CASE17 | 32316-3/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 10/07/2019       | CASE16 | 32304-3/19   | POSITIVE        | NEGATIVE           | Pol19/WB/CASE16 | GII        | CVR- 1 | IGR173R-I329L-2 | MGF -1 |
| 10/07/2019       | CASE17 | 32316-1/19   | POSITIVE        | NEGATIVE           | Pol19/WB/CASE17 | GII        | CVR- 1 | IGR173R-I329L-2 | MGF -1 |
| 12/07/2019       | CASE18 | 32693/19     | POSITIVE        | POSITIVE           | Pol19/WB/CASE18 | GII        | CVR- 1 | IGR173R-I329L-2 | MGF -1 |
| 15/07/2019       | CASE19 | 32939-8/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 15/07/2019       | CASE20 | 32981-3/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 15/07/2019       | CASE20 | 32981-4/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 15/07/2019       | CASE20 | 32982-1/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 15/07/2019       | CASE20 | 32982-2/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 15/07/2019       | CASE20 | 32982-3/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 15/07/2019       | CASE20 | 32982-4/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 15/07/2019       | CASE20 | 32980-1/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 15/07/2019       | CASE20 | 32980-6/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 15/07/2019       | CASE20 | 32980-7/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 15/07/2019       | CASE20 | 32980-8/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 15/07/2019       | CASE20 | 32980-9/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 15/07/2019       | CASE19 | 32938/19     | POSITIVE        | POSITIVE           | Pol19/WB/CASE19 | GII        | CVR- 1 | IGR173R-I329L-2 | MGF -1 |
| 15/07/2019       | CASE20 | 32981-2/19   | POSITIVE        | POSITIVE           | Pol19/WB/CASE20 | GII        | CVR- 1 | IGR173R-I329L-2 | MGF -1 |
| 16/07/2019       | CASE21 | 33176-3/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE21 | 33176-6/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE21 | 33176-7/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE21 | 33176-8/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE20 | 33749-8/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE20 | 33749-15/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE20 | 33749-16/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE20 | 33749-19/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE20 | 33749-20/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE28 | 34249/19     | WEAK            | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE20 | 33750-4/19   | POSITIVE        | NT                 | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE20 | 33750-5/19   | POSITIVE        | NT                 | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE20 | 33750-7/19   | POSITIVE        | NT                 | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE20 | 33750-11/19  | POSITIVE        | NT                 | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE20 | 33751-9/19   | POSITIVE        | NT                 | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE20 | 33751-10/19  | POSITIVE        | NT                 | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE20 | 33751-12/19  | POSITIVE        | NT                 | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE20 | 33751-13/19  | POSITIVE        | NT                 | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE20 | 33751-18/19  | POSITIVE        | NT                 | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE21 | 33176-5/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                 |        |
| 16/07/2019       | CASE21 | 33177/19     | POSITIVE        | POSITIVE           | Pol19/WB/CASE21 | GII        | CVR- 1 | IGR173R-I329L-2 | MGF -1 |
| 17/07/2019       | CASE20 | 33762/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 17/07/2019       | CASE20 | 33763/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 17/07/2019       | CASE20 | 33766/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 17/07/2019       | CASE20 | 33770/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 17/07/2019       | CASE20 | 33771/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 17/07/2019       | CASE20 | 33761/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                 |        |
| 17/07/2019       | CASE20 | 33759-1/19   | POSITIVE        | NT                 | Not sequenced   |            |        |                 |        |
| 17/07/2019       | CASE20 | 33759-2/19   | POSITIVE        | NT                 | Not sequenced   |            |        |                 |        |
| 17/07/2019       | CASE20 | 33767/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                 |        |
| 17/07/2019       | CASE20 | 33768/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                 |        |



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| DATE OF SAMPLING | CASE   | ID WILD BOAR | VIRUS DETECTION | ANTIBODY DETECTION | ASFV ISOLATE    | GENOTYPING |        |                             |        |
|------------------|--------|--------------|-----------------|--------------------|-----------------|------------|--------|-----------------------------|--------|
| 17/07/2019       | CASE20 | 33760/19     | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 17/07/2019       | CASE20 | 33764/19     | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 17/07/2019       | CASE20 | 33764/19     | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 17/07/2019       | CASE20 | 33769/19     | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 18/07/2019       | CASE23 | 33826-3/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 18/07/2019       | CASE23 | 33826-4/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 18/07/2019       | CASE22 | 33728-1/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 18/07/2019       | CASE22 | 33729-18/19  | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 18/07/2019       | CASE22 | 33729-19/19  | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 18/07/2019       | CASE23 | 33826-5/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 18/07/2019       | CASE23 | 33828/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 18/07/2019       | CASE22 | 33729-13/19  | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 18/07/2019       | CASE22 | 33729-26/19  | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 18/07/2019       | CASE23 | 33827/19     | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 18/07/2019       | CASE22 | 33729-12/19  | POSITIVE        | POSITIVE           | Pol19/WB/CASE22 | GII        | CVR- 1 | IGR <sub>173R-1329L-2</sub> | MGF -1 |
| 18/07/2019       | CASE23 | 33826-1/19   | POSITIVE        | NEGATIVE           | Pol19/WB/CASE23 | GII        | CVR- 1 | IGR <sub>173R-1329L-2</sub> | MGF -1 |
| 19/07/2019       | CASE22 | 34086-2/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/07/2019       | CASE22 | 34097-5/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/07/2019       | CASE22 | 34097-6/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/07/2019       | CASE23 | 34205-1/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/07/2019       | CASE23 | 34205-2/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/07/2019       | CASE23 | 34205-3/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/07/2019       | CASE23 | 34205-4/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/07/2019       | CASE23 | 34206/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/07/2019       | CASE23 | 34207/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/07/2019       | CASE23 | 34208/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/07/2019       | CASE23 | 34209/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/07/2019       | CASE23 | 34210/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/07/2019       | CASE22 | 34086-1/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 19/07/2019       | CASE22 | 34096-3/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 19/07/2019       | CASE22 | 34096-5/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 19/07/2019       | CASE22 | 34096-1/19   | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 19/07/2019       | CASE22 | 34096-2/19   | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 19/07/2019       | CASE22 | 34096-4/19   | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 20/07/2019       | CASE24 | 34099-8/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 20/07/2019       | CASE24 | 34099-10/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 20/07/2019       | CASE24 | 34099-15/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 20/07/2019       | CASE24 | 34101/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 20/07/2019       | CASE24 | 34100/19     | POSITIVE        | POSITIVE           | Pol19/WB/CASE24 | GII        | CVR- 1 | IGR <sub>173R-1329L-4</sub> | MGF -1 |
| 21/07/2019       | CASE25 | 34151-2/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 21/07/2019       | CASE25 | 34151-3/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 21/07/2019       | CASE25 | 34151-4/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 21/07/2019       | CASE25 | 34152/19     | POSITIVE        | NEGATIVE           | Pol19/WB/CASE25 | GII        | CVR- 1 | IGR <sub>173R-1329L-2</sub> | MGF -1 |
| 22/07/2019       | CASE26 | 34248-2/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 22/07/2019       | CASE26 | 34248-3/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 22/07/2019       | CASE26 | 34247/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 22/07/2019       | CASE26 | 34248-1/19   | POSITIVE        | WEAK               | Pol19/WB/CASE26 | GII        | CVR- 1 | IGR <sub>173R-1329L-2</sub> | MGF -1 |
| 23/07/2019       | CASE25 | 34594-3/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE25 | 34594-4/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE26 | 35160-1/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |



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|------------------|--------|--------------|-----------------|--------------------|-----------------|------------|--------|-----------------------------|--------|
| 23/07/2019       | CASE26 | 35160-4/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE26 | 35160-7/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE26 | 35160-8/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE26 | 35160-14/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE26 | 35164/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE26 | 35165/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE26 | 35166/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE26 | 35167/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE26 | 35162-1/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE26 | 35162-12/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE26 | 35162-19/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE26 | 35163-3/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE24 | 34707/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE26 | 35168/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE26 | 35170/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE25 | 34594-2/19   | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE24 | 34708/19     | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 23/07/2019       | CASE26 | 35169/19     | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 24/07/2019       | CASE27 | 34655-6/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 24/07/2019       | CASE27 | 34653/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 24/07/2019       | CASE27 | 34653/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 24/07/2019       | CASE27 | 34655-3/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 24/07/2019       | CASE27 | 34655-5/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 24/07/2019       | CASE27 | 34655-4/19   | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 24/07/2019       | CASE27 | 34654/19     | POSITIVE        | POSITIVE           | Pol19/WB/CASE27 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 25/07/2019       | CASE27 | 35151-5/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 25/07/2019       | CASE27 | 35151-7/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 25/07/2019       | CASE29 | 34863/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 25/07/2019       | CASE29 | 34864/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 25/07/2019       | CASE27 | 35150-1/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 25/07/2019       | CASE27 | 35150-2/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 25/07/2019       | CASE27 | 35150-5/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 25/07/2019       | CASE27 | 35351-2/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 25/07/2019       | CASE27 | 35151-6/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 25/07/2019       | CASE30 | 35158/19     | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 25/07/2019       | CASE27 | 35150-3/19   | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 25/07/2019       | CASE29 | 34862/19     | POSITIVE        | POSITIVE           | Pol19/WB/CASE29 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 25/07/2019       | CASE30 | 35159/19     | POSITIVE        | NEGATIVE           | Pol19/WB/CASE30 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 27/07/2019       | CASE31 | 35343-47/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 27/07/2019       | CASE31 | 35343-48/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 27/07/2019       | CASE31 | 35343-52/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 27/07/2019       | CASE31 | 35343-54/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 27/07/2019       | CASE31 | 35345-19/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 27/07/2019       | CASE31 | 35346/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 27/07/2019       | CASE31 | 35348/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 27/07/2019       | CASE31 | 35350/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 27/07/2019       | CASE31 | 35343-59/19  | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 27/07/2019       | CASE31 | 35347/19     | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 27/07/2019       | CASE31 | 35349/19     | POSITIVE        | POSITIVE           | Pol19/WB/CASE31 | GII        | CVR- 1 | IGR <sub>I73R-I329L-4</sub> | MGF -1 |
| 28/07/2019       | CASE33 | 35336/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |



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| DATE OF SAMPLING | CASE   | ID WILD BOAR | VIRUS DETECTION | ANTIBODY DETECTION | ASFV ISOLATE    | GENOTYPING |        |                             |        |
|------------------|--------|--------------|-----------------|--------------------|-----------------|------------|--------|-----------------------------|--------|
| 28/07/2019       | CASE33 | 35337-3/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 28/07/2019       | CASE33 | 35337-1/19   | POSITIVE        | NEGATIVE           | Pol19/WB/CASE33 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 29/07/2019       | CASE32 | 35504-2/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 29/07/2019       | CASE32 | 35504-1/19   | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 29/07/2019       | CASE32 | 35504-3/19   | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 29/07/2019       | CASE32 | 35505-1/19   | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 29/07/2019       | CASE32 | 35505-2/19   | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 29/07/2019       | CASE32 | 35503/19     | POSITIVE        | POSITIVE           | Pol19/WB/CASE32 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 30/07/2019       | CASE32 | 35919-1/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 30/07/2019       | CASE32 | 35919-2/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 30/07/2019       | CASE32 | 35919-3/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 30/07/2019       | CASE32 | 35919-4/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 01/08/2019       | CASE31 | 36239-53/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 01/08/2019       | CASE31 | 36239-57/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 01/08/2019       | CASE31 | 36239-58/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 01/08/2019       | CASE31 | 36239-51/19  | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 03/08/2019       | CASE36 | 36613/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 03/08/2019       | CASE35 | 36389/19     | POSITIVE        | NEGATIVE           | Pol19/WB/CASE35 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 03/08/2019       | CASE36 | 36612/19     | POSITIVE        | POSITIVE           | Pol19/WB/CASE36 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 05/08/2019       | CASE35 | 36393-1/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 05/08/2019       | CASE35 | 36392/19     | POSITIVE        | WEAK               | Pol19/WB/CASE35 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 06/08/2019       | CASE37 | 36774/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 06/08/2019       | CASE37 | 36777/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 06/08/2019       | CASE37 | 36771-51/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 06/08/2019       | CASE37 | 36771-52/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 06/08/2019       | CASE37 | 36771-53/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 06/08/2019       | CASE37 | 36771-54/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 06/08/2019       | CASE34 | 36859-1/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 06/08/2019       | CASE37 | 36776/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 06/08/2019       | CASE34 | 36859-2/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 06/08/2019       | CASE37 | 36775/19     | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 06/08/2019       | CASE34 | 36860/19     | POSITIVE        | WEAK               | Pol19/WB/CASE34 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 06/08/2019       | CASE37 | 36771-56/19  | POSITIVE        | NEGATIVE           | Pol19/WB/CASE37 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 08/08/2019       | CASE37 | 37374-59/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 08/08/2019       | CASE38 | 37376/19     | POSITIVE        | POSITIVE           | Pol19/WB/CASE38 | GII        | CVR- 1 | IGR <sub>I73R-I329L-4</sub> | MGF -1 |
| 13/08/2019       | CASE41 | 38129-8/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 13/08/2019       | CASE41 | 38130/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 13/08/2019       | CASE40 | 38132/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 13/08/2019       | CASE41 | 38131/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 13/08/2019       | CASE38 | 38128/19     | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 13/08/2019       | CASE40 | 38133/19     | POSITIVE        | NEGATIVE           | Pol19/WB/CASE40 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 13/08/2019       | CASE41 | 38129-1/19   | POSITIVE        | NEGATIVE           | Pol19/WB/CASE41 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 17/08/2019       | CASE41 | 38887-1/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/08/2019       | CASE42 | 38401-3/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/08/2019       | CASE42 | 38401-4/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/08/2019       | CASE42 | 38401-9/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/08/2019       | CASE42 | 38401-16/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/08/2019       | CASE42 | 38401-20/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/08/2019       | CASE38 | 39558-30/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 19/08/2019       | CASE38 | 39558-42/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |





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| DATE OF SAMPLING | CASE   | ID WILD BOAR | VIRUS DETECTION | ANTIBODY DETECTION | ASFV ISOLATE    | GENOTYPING |        |                             |        |
|------------------|--------|--------------|-----------------|--------------------|-----------------|------------|--------|-----------------------------|--------|
| 19/08/2019       | CASE38 | 39558-9/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 19/08/2019       | CASE38 | 39558-58/19  | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 19/08/2019       | CASE42 | 38400/19     | POSITIVE        | POSITIVE           | Pol19/WB/CASE42 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 20/08/2019       | CASE43 | 38796-2/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 20/08/2019       | CASE43 | 38796-5/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 20/08/2019       | CASE42 | 38719-8/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 20/08/2019       | CASE42 | 38719-9/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 20/08/2019       | CASE42 | 38719-15/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 20/08/2019       | CASE42 | 38719-17/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 20/08/2019       | CASE43 | 38797/19     | POSITIVE        | NEGATIVE           | Pol19/WB/CASE43 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 21/08/2019       | CASE44 | 39531-14/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 21/08/2019       | CASE44 | 39531-16/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 21/08/2019       | CASE44 | 39531-18/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 21/08/2019       | CASE44 | 39531-20/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 21/08/2019       | CASE44 | 39531-13/19  | POSITIVE        | NEGATIVE           | Pol19/WB/CASE44 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 24/08/2019       | CASE44 | 40645-13/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 24/08/2019       | CASE44 | 40645-14/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 24/08/2019       | CASE44 | 40645-15/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 24/08/2019       | CASE44 | 40645-12/19  | POSITIVE        | NEGATIVE           | Pol19/WB/CASE44 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 28/08/2019       | CASE45 | 40814-1/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 28/08/2019       | CASE45 | 40814-2/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 28/08/2019       | CASE45 | 40814-3/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 28/08/2019       | CASE45 | 40814-4/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 28/08/2019       | CASE45 | 40814-5/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 28/08/2019       | CASE45 | 40815/19     | POSITIVE        | POSITIVE           | Pol19/WB/CASE45 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 22/09/2019       | CASE46 | 45022/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 22/09/2019       | CASE46 | 45032-2/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 22/09/2019       | CASE46 | 45032-4/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 22/09/2019       | CASE46 | 45032-20/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 22/09/2019       | CASE46 | 45032-9/19   | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| 22/09/2019       | CASE46 | 45024/19     | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| 22/09/2019       | CASE46 | 45023/19     | POSITIVE        | POSITIVE           | Pol19/WB/CASE46 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 08/10/2019       | CASE47 | 47815-1/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 08/10/2019       | CASE47 | 47815-4/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 08/10/2019       | CASE47 | 47814/19     | POSITIVE        | NEGATIVE           | Pol19/WB/CASE47 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 11/10/2019       | CASE47 | 48314-2/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| 11/10/2019       | CASE48 | 48358/19     | POSITIVE        | WEAK               | Pol19/WB/CASE48 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| 12/10/2019       | CASE48 | 48360/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| NI               | CASE3  | 26353/19     | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| NI               | CASE29 | 35246-8/19   | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| NI               | CASE29 | 35246-13/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| NI               | CASE29 | 35246-16/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| NI               | CASE29 | 35246-17/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| NI               | CASE33 | 35465-23/19  | POSITIVE        | NEGATIVE           | Not sequenced   |            |        |                             |        |
| NI               | CASE28 | 34372/19     | POSITIVE        | NT                 | Not sequenced   |            |        |                             |        |
| NI               | CASE3  | 26027/19     | POSITIVE        | POSITIVE           | Not sequenced   |            |        |                             |        |
| NI               | CASE29 | 35246-9/19   | POSITIVE        | WEAK               | Not sequenced   |            |        |                             |        |
| NI               | CASE28 | 34374/19     | POSITIVE        | NEGATIVE           | Pol19/WB/CASE28 | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |
| NI               | CASE3  | 26026/19     | POSITIVE        | NEGATIVE           | Pol19/WB/CASE3  | GII        | CVR- 1 | IGR <sub>I73R-I329L-2</sub> | MGF -1 |

(1) WEAK = PCR-UPL weak (Ct≥35). (2) WEAK = IPT weak titer < 1/80.



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NT = not tested. NI (not information)

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In Valdeolmos, Madrid (Spain) 23th February 2021

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