



MINISTERIO  
DE ECONOMÍA,  
INDUSTRIA Y  
COMPETITIVIDAD



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***

Puławy, 29.06.2017

Potwierdzenie wyników badań alboratoryjnych w kierunku afrykańskiego pomoru świń (ASF) uzyskanych przez KLR ds. ASF w PIWet-PIB przez Europejskie Laboratorium Referencyjne (EURL) ds. ASF w Valdeolmos w Hiszpanii dla przypadków od 107 do 163 oraz ognisk od 5 do 23 (które wystąpiły w Polsce w 2016 roku).



*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:** May 24<sup>TH</sup>, 2017.

**ARRIVAL DATE TO CISA:** February 09<sup>th</sup>, 2017.

**RESPONSIBLE FOR SUBMISSION:**

**Name:** Grzegorz Wozniakowski  
**Institution/Lab:** National Veterinary Research Institute (NVRI)  
**Address:** 57 Partyzantow Avenue, 24-100 PULAWY  
**Country:** POLAND  
**Tel. number:** +48 81 889 3047  
**Fax number:** +48 81 886 2595  
**E-mail address:** [grzegorz.wozniakowski@piwet.pulawy.pl](mailto:grzegorz.wozniakowski@piwet.pulawy.pl)

**Num. ARRIVAL REGISTER CISA:** REG. 20/2017.

**TEST REQUESTED:** AFRICAN SWINE FEVER (ASF) CONFIRMATORY DIAGNOSIS AND GENE SEQUENCING.

**Num. SAMPLES RECEIVED:** 495 samples: 272 samples from 63 wild boar comprising 71 tissues, 74 homogenate of tissues, 8 bloods with EDTA, 22 sera and 97 DNAs. 223 samples from 62 domestic pigs comprising 51 tissues, 57 homogenate of tissues, 5 bloods with EDTA, 24 sera, 2 clotted blood and 84 DNAs identified as follows (**table 1**):

Table 1 → Identification of the samples received from the NVRI							
HOST	Animals received	Sample ID CISA	Sample laboratory code			TYPE SAMPLE RECEIVED	
			Id code in Poland's NRL		Sampling localization		
WILD BOAR	21008/16	1	CASE 107	21008	Mielnik	BLOOD	SERUM
WILD BOAR	21008/16	2	CASE 107	21008	Mielnik	TISSUE	SPLEEN
WILD BOAR	21008/16	3	CASE 107	21008	Mielnik	HOMOGENATE	SPLEEN
WILD BOAR	21008/16	4	CASE 107	21008	Mielnik	DNA	SPLEEN
WILD BOAR	21008/16	5	CASE 107	21008	Mielnik	TISSUE	KIDNEY
WILD BOAR	21008/16	6	CASE 107	21008	Mielnik	HOMOGENATE	KIDNEY



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

WILD BOAR	21008/16	7	CASE 107	21008	Mielnik	DNA	KIDNEY
WILD BOAR	21169-11/16	8	CASE 108	21169-11	Narewka	BLOOD	SERUM
WILD BOAR	22365/16	9	CASE109	22365	Mielnik	HOMOGENATE	SPLEEN
WILD BOAR	22365/16	10	CASE109	22365	Mielnik	DNA	SPLEEN
WILD BOAR	22365/16	11	CASE109	22365	Mielnik	HOMOGENATE	LYMPH NODE
WILD BOAR	22365/16	12	CASE109	22365	Mielnik	DNA	LYMPH NODE
WILD BOAR	22189-3/16	13	CASE 110	22189-3	Narew	BLOOD	SERUM
WILD BOAR	23416-6/16	14	CASE 111	23416-6	Hajńówka	BLOOD	SERUM
WILD BOAR	28460/16	15	CASE 112	28460	Trzcianne	BLOOD	SERUM
WILD BOAR	28460/16	16	CASE 112	28460	Trzcianne	TISSUE	SPLEEN
WILD BOAR	28460/16	17	CASE 112	28460	Trzcianne	HOMOGENATE	SPLEEN
WILD BOAR	28460/16	18	CASE 112	28460	Trzcianne	DNA	SPLEEN
WILD BOAR	29168/16	19	CASE 113	29168	Trzcianne	TISSUE	KIDNEY
WILD BOAR	29168/16	20	CASE 113	29168	Trzcianne	HOMOGENATE	KIDNEY
WILD BOAR	29168/16	21	CASE 113	29168	Trzcianne	DNA	KIDNEY
WILD BOAR	30424/16	22	CASE 114	30424	Bajki Zalesie	TISSUE	SPLEEN
WILD BOAR	30424/16	23	CASE 114	30424	Bajki Zalesie	HOMOGENATE	SPLEEN
WILD BOAR	30424/16	24	CASE 114	30424	Bajki Zalesie	DNA	SPLEEN
WILD BOAR	30424/16	25	CASE 114	30424	Bajki Zalesie	TISSUE	KIDNEY
WILD BOAR	30424/16	26	CASE 114	30424	Bajki Zalesie	HOMOGENATE	KIDNEY
WILD BOAR	30424/16	27	CASE 114	30424	Bajki Zalesie	DNA	KIDNEY
WILD BOAR	32669/16	28	CASE 115	32669	Białowieża	BLOOD	SERUM
WILD BOAR	32669/16	29	CASE 115	32669	Białowieża	DNA	BLOOD
WILD BOAR	33290/16	30	CASE 116	33290	Zalesie	BLOOD	BLOOD EDTA
WILD BOAR	33290/16	31	CASE 116	33290	Zalesie	DNA	BLOOD
WILD BOAR	33119-4/16	32	CASE 117	33119-4	Białowieża	BLOOD	SERUM
WILD BOAR	33533/16	33	CASE 118	33533	Knyszyn	TISSUE	SPLEEN
WILD BOAR	33533/16	34	CASE 118	33533	Knyszyn	HOMOGENATE	SPLEEN
WILD BOAR	33533/16	35	CASE 118	33533	Knyszyn	DNA	SPLEEN
WILD BOAR	33533/16	36	CASE 118	33533	Knyszyn	TISSUE	KIDNEY
WILD BOAR	33533/16	37	CASE 118	33533	Knyszyn	HOMOGENATE	KIDNEY
WILD BOAR	33533/16	38	CASE 118	33533	Knyszyn	DNA	KIDNEY
WILD BOAR	33533/16	39	CASE 118	33533	Knyszyn	TISSUE	LUNG
WILD BOAR	33533/16	40	CASE 118	33533	Knyszyn	HOMOGENATE	LUNG
WILD BOAR	33533/16	41	CASE 118	33533	Knyszyn	DNA	LUNG
WILD BOAR	34882/16	42	CASE 119	34882	Janów Podlaski	BLOOD	BLOOD EDTA
WILD BOAR	34882/16	43	CASE 119	34882	Janów Podlaski	DNA	BLOOD
WILD BOAR	35773/16	44	CASE 120	35773	Mielnik	TISSUE	SPLEEN
WILD BOAR	35773/16	45	CASE 120	35773	Mielnik	HOMOGENATE	SPLEEN
WILD BOAR	35773/16	46	CASE 120	35773	Mielnik	DNA	SPLEEN
WILD BOAR	35773/16	47	CASE 120	35773	Mielnik	TISSUE	LYMPH NODE
WILD BOAR	35773/16	48	CASE 120	35773	Mielnik	HOMOGENATE	LYMPH NODE
WILD BOAR	35773/16	49	CASE 120	35773	Mielnik	DNA	LYMPH NODE
WILD BOAR	35773/16	50	CASE 120	35773	Mielnik	TISSUE	KIDNEY
WILD BOAR	35773/16	51	CASE 120	35773	Mielnik	HOMOGENATE	KIDNEY
WILD BOAR	35773/16	52	CASE 120	35773	Mielnik	DNA	KIDNEY
WILD BOAR	35910/16	53	CASE 121	35910	Konstantynów	TISSUE	BONE MARROW
WILD BOAR	35910/16	54	CASE 121	35910	Konstantynów	HOMOGENATE	BONE MARROW
WILD BOAR	35910/16	55	CASE 121	35910	Konstantynów	DNA	BONE MARROW
WILD BOAR	35910/16	56	CASE 121	35910	Konstantynów	DNA 1:10	BONE MARROW
WILD BOAR	396053-2/16	57	CASE 122	396053-2	Tykocin	TISSUE	SPLEEN
WILD BOAR	396053-2/16	58	CASE 122	396053-2	Tykocin	HOMOGENATE	SPLEEN
WILD BOAR	396053-2/16	59	CASE 122	396053-2	Tykocin	DNA	SPLEEN
WILD BOAR	36048-1/16	60	CASE 123	36048-1	Tykocin	BLOOD	SERUM
WILD BOAR	36299/16	61	CASE 124	36299	Zalesie	BLOOD	BLOOD EDTA
WILD BOAR	36299/16	62	CASE 124	36299	Zalesie	DNA	BLOOD



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

WILD BOAR	37077/16	63	CASE 125	37077	Knyszyn	TISSUE	BONE MARROW
WILD BOAR	37077/16	64	CASE 125	37077	Knyszyn	HOMOGENATE	BONE MARROW
WILD BOAR	37077/16	65	CASE 125	37077	Knyszyn	DNA	BONE MARROW
WILD BOAR	37077/16	66	CASE 125	37077	Knyszyn	DNA 1:10	BONE MARROW
WILD BOAR	37077/16	67	CASE 125	37077	Knyszyn	TISSUE	LUNG
WILD BOAR	37077/16	68	CASE 125	37077	Knyszyn	HOMOGENATE	LUNG
WILD BOAR	37077/16	69	CASE 125	37077	Knyszyn	DNA	LUNG
WILD BOAR	37077/16	70	CASE 125	37077	Knyszyn	TISSUE	HEART
WILD BOAR	37077/16	71	CASE 125	37077	Knyszyn	HOMOGENATE	HEART
WILD BOAR	37077/16	72	CASE 125	37077	Knyszyn	DNA	HEART
WILD BOAR	37322/16	73	CASE 126	37322	Nurzec Stacja	TISSUE	SPLEEN
WILD BOAR	37322/16	74	CASE 126	37322	Nurzec Stacja	HOMOGENATE	SPLEEN
WILD BOAR	37322/16	75	CASE 126	37322	Nurzec Stacja	DNA	SPLEEN
WILD BOAR	37322/16	76	CASE 126	37322	Nurzec Stacja	TISSUE	LYMPH NODE
WILD BOAR	37322/16	77	CASE 126	37322	Nurzec Stacja	HOMOGENATE	LYMPH NODE
WILD BOAR	37322/16	78	CASE 126	37322	Nurzec Stacja	DNA	LYMPH NODE
WILD BOAR	37322/16	79	CASE 126	37322	Nurzec Stacja	TISSUE	KIDNEY
WILD BOAR	37322/16	80	CASE 126	37322	Nurzec Stacja	HOMOGENATE	KIDNEY
WILD BOAR	37322/16	81	CASE 126	37322	Nurzec Stacja	DNA	KIDNEY
WILD BOAR	36801/16	82	CASE 127	36801	Sarnaki	TISSUE	BONE MARROW
WILD BOAR	36801/16	83	CASE 127	36801	Sarnaki	HOMOGENATE	BONE MARROW
WILD BOAR	36801/16	84	CASE 127	36801	Sarnaki	DNA	BONE MARROW
WILD BOAR	36801/16	85	CASE 127	36801	Sarnaki	DNA 1:10	BONE MARROW
WILD BOAR	37591/16	86	CASE 128	37591	Sarnaki	TISSUE	BONE MARROW
WILD BOAR	37591/16	87	CASE 128	37591	Sarnaki	HOMOGENATE	BONE MARROW
WILD BOAR	37591/16	88	CASE 128	37591	Sarnaki	DNA	BONE MARROW
WILD BOAR	37591/16	89	CASE 128	37591	Sarnaki	DNA 1:10	BONE MARROW
WILD BOAR	37855/16	90	CASE 129	37855	Biała Podlaska	TISSUE	BONE MARROW
WILD BOAR	37855/16	91	CASE 129	37855	Biała Podlaska	HOMOGENATE	BONE MARROW
WILD BOAR	37855/16	92	CASE 129	37855	Biała Podlaska	DNA	BONE MARROW
WILD BOAR	37855/16	93	CASE 129	37855	Biała Podlaska	DNA 1:10	BONE MARROW
WILD BOAR	37928-7/16	94	CASE 130	37928-7	Narewka	BLOOD	SERUM
WILD BOAR	37930-85/16	95	CASE 131	37930-85	Gródek	BLOOD	SERUM
WILD BOAR	37935-3/16	96	CASE 132	37935-3	Krynki	BLOOD	SERUM
WILD BOAR	38210/16	97	CASE 133	38210	Trzcianne	TISSUE	BONE MARROW
WILD BOAR	38210/16	98	CASE 133	38210	Trzcianne	HOMOGENATE	BONE MARROW
WILD BOAR	38210/16	99	CASE 133	38210	Trzcianne	DNA	BONE MARROW
WILD BOAR	38210/16	100	CASE 133	38210	Trzcianne	DNA 1:10	BONE MARROW
WILD BOAR	38211/16	101	CASE 133	38211	Trzcianne	TISSUE	SPLEEN
WILD BOAR	38211/16	102	CASE 133	38211	Trzcianne	HOMOGENATE	SPLEEN
WILD BOAR	38211/16	103	CASE 133	38211	Trzcianne	DNA	SPLEEN
WILD BOAR	38211/16	104	CASE 133	38211	Trzcianne	TISSUE	KIDNEY
WILD BOAR	38211/16	105	CASE 133	38211	Trzcianne	HOMOGENATE	KIDNEY
WILD BOAR	38211/16	106	CASE 133	38211	Trzcianne	DNA	KIDNEY
WILD BOAR	38211/16	107	CASE 133	38211	Trzcianne	TISSUE	LUNG
WILD BOAR	38211/16	108	CASE 133	38211	Trzcianne	HOMOGENATE	LUNG
WILD BOAR	38211/16	109	CASE 133	38211	Trzcianne	DNA	LUNG
WILD BOAR	38212/16	110	CASE 133	38212	Trzcianne	TISSUE	SPLEEN
WILD BOAR	38212/16	111	CASE 133	38212	Trzcianne	HOMOGENATE	SPLEEN
WILD BOAR	38212/16	112	CASE 133	38212	Trzcianne	DNA	SPLEEN
WILD BOAR	38212/16	113	CASE 133	38212	Trzcianne	TISSUE	KIDNEY
WILD BOAR	38212/16	114	CASE 133	38212	Trzcianne	HOMOGENATE	KIDNEY
WILD BOAR	38212/16	115	CASE 133	38212	Trzcianne	DNA	KIDNEY
WILD BOAR	38212/16	116	CASE 133	38212	Trzcianne	TISSUE	LUNG
WILD BOAR	38212/16	117	CASE 133	38212	Trzcianne	HOMOGENATE	LUNG
WILD BOAR	38212/16	118	CASE 133	38212	Trzcianne	DNA	LUNG



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

WILD BOAR	38551/16	119	CASE 134	38551	Janów Podlaski	BLOOD	BLOOD EDTA
WILD BOAR	38551/16	120	CASE 134	38551	Janów Podlaski	DNA	BLOOD
WILD BOAR	38552/16	121	CASE 134	38552	Janów Podlaski	BLOOD	BLOOD EDTA
WILD BOAR	38552/16	122	CASE 134	38552	Janów Podlaski	DNA	BLOOD
WILD BOAR	38553/16	123	CASE 134	38553	Janów Podlaski	TISSUE	BONE MARROW
WILD BOAR	38553/16	124	CASE 134	38553	Janów Podlaski	HOMOGENATE	BONE MARROW
WILD BOAR	38553/16	125	CASE 134	38553	Janów Podlaski	DNA	BONE MARROW
WILD BOAR	38553/16	126	CASE 134	38553	Janów Podlaski	DNA 1:10	BONE MARROW
WILD BOAR	38555/16	127	CASE 135	38555	Zalesie	BLOOD	BLOOD EDTA
WILD BOAR	38555/16	128	CASE 135	38555	Zalesie	DNA	BLOOD
WILD BOAR	38557-13/16	129	CASE 136	38557-13	Konstantynów	BLOOD	BLOOD EDTA
WILD BOAR	38557-13/16	130	CASE 136	38557-13	Konstantynów	DNA	BLOOD
WILD BOAR	38657-3/16	131	CASE 137	38657-3	Białowieża	BLOOD	SERUM
WILD BOAR	38885/16	132	CASE 138	38885	Białowieża	BLOOD	SERUM
WILD BOAR	38885/16	133	CASE 138	38885	Nurzec Stacja	TISSUE	SPLEEN
WILD BOAR	38885/16	134	CASE 138	38885	Nurzec Stacja	HOMOGENATE	SPLEEN
WILD BOAR	38885/16	135	CASE 138	38885	Nurzec Stacja	DNA	SPLEEN
WILD BOAR	38885/16	136	CASE 138	38885	Nurzec Stacja	TISSUE	LYMPH NODE
WILD BOAR	38885/16	137	CASE 138	38885	Nurzec Stacja	HOMOGENATE	LYMPH NODE
WILD BOAR	38885/16	138	CASE 138	38885	Nurzec Stacja	DNA	LYMPH NODE
WILD BOAR	38885/16	139	CASE 138	38885	Nurzec Stacja	TISSUE	KIDNEY
WILD BOAR	38885/16	140	CASE 138	38885	Nurzec Stacja	HOMOGENATE	KIDNEY
WILD BOAR	38885/16	141	CASE 138	38885	Nurzec Stacja	DNA	KIDNEY
WILD BOAR	39032/16	142	CASE 139	39032	Janów Podlaski	TISSUE	LYMPH NODE
WILD BOAR	39032/16	143	CASE 139	39032	Janów Podlaski	HOMOGENATE	LYMPH NODE
WILD BOAR	39032/16	144	CASE 139	39032	Janów Podlaski	DNA	LYMPH NODE
WILD BOAR	39237/16	145	CASE 140	39237	Mielnik	TISSUE	SPLEEN
WILD BOAR	39237/16	146	CASE 140	39237	Mielnik	HOMOGENATE	SPLEEN
WILD BOAR	39237/16	147	CASE 140	39237	Mielnik	DNA	SPLEEN
WILD BOAR	39237/16	148	CASE 140	39237	Mielnik	TISSUE	KIDNEY
WILD BOAR	39237/16	149	CASE 140	39237	Mielnik	HOMOGENATE	KIDNEY
WILD BOAR	39237/16	150	CASE 140	39237	Mielnik	DNA	KIDNEY
WILD BOAR	39235/16	151	CASE 141	39235	Nurzec Stacja	TISSUE	SPLEEN
WILD BOAR	39235/16	152	CASE 141	39235	Nurzec Stacja	HOMOGENATE	SPLEEN
WILD BOAR	39235/16	153	CASE 141	39235	Nurzec Stacja	DNA	SPLEEN
WILD BOAR	39235/16	154	CASE 141	39235	Nurzec Stacja	TISSUE	KIDNEY
WILD BOAR	39235/16	155	CASE 141	39235	Nurzec Stacja	HOMOGENATE	KIDNEY
WILD BOAR	39235/16	156	CASE 141	39235	Nurzec Stacja	DNA	KIDNEY
WILD BOAR	39236/16	157	CASE 142	39236	Nurzec Stacja	TISSUE	SPLEEN
WILD BOAR	39236/16	158	CASE 142	39236	Nurzec Stacja	HOMOGENATE	SPLEEN
WILD BOAR	39236/16	159	CASE 142	39236	Nurzec Stacja	DNA	SPLEEN
WILD BOAR	39236/16	160	CASE 142	39236	Nurzec Stacja	TISSUE	KIDNEY
WILD BOAR	39236/16	161	CASE 142	39236	Nurzec Stacja	HOMOGENATE	KIDNEY
WILD BOAR	39236/16	162	CASE 142	39236	Nurzec Stacja	DNA	KIDNEY
WILD BOAR	39272/16	163	CASE 143	39272	Sarnaki	TISSUE	SPLEEN
WILD BOAR	39272/16	164	CASE 143	39272	Sarnaki	HOMOGENATE	SPLEEN
WILD BOAR	39272/16	165	CASE 143	39272	Sarnaki	DNA	SPLEEN
WILD BOAR	39272/16	166	CASE 143	39272	Sarnaki	TISSUE	LYMPH NODE
WILD BOAR	39272/16	167	CASE 143	39272	Sarnaki	HOMOGENATE	LYMPH NODE
WILD BOAR	39272/16	168	CASE 143	39272	Sarnaki	DNA	LYMPH NODE
WILD BOAR	39109-9/16	169	CASE 144	39109-9	Czyże	BLOOD	SERUM
WILD BOAR	40185/16	170	CASE 145	40185	Nurzec Stacja	TISSUE	SPLEEN
WILD BOAR	40185/16	171	CASE 145	40185	Nurzec Stacja	HOMOGENATE	SPLEEN
WILD BOAR	40185/16	172	CASE 145	40185	Nurzec Stacja	DNA	SPLEEN
WILD BOAR	40185/16	173	CASE 145	40185	Nurzec Stacja	TISSUE	KIDNEY
WILD BOAR	40185/16	174	CASE 145	40185	Nurzec Stacja	HOMOGENATE	KIDNEY





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

WILD BOAR	40185/16	175	CASE 145	40185	Nurzec Stacja	DNA	KIDNEY
WILD BOAR	40240-6/16	176	CASE 146	40240-6	Mielnik	BLOOD	SERUM
WILD BOAR	40240-6/16	177	CASE 146	40240-6	Mielnik	DNA	BLOOD
WILD BOAR	40678/16	178	CASE 147	40678	Nurzec Stacja	TISSUE	BONE MARROW
WILD BOAR	40678/16	179	CASE 147	40678	Nurzec Stacja	HOMOGENATE	BONE MARROW
WILD BOAR	40678/16	180	CASE 147	40678	Nurzec Stacja	DNA	BONE MARROW
WILD BOAR	40678/16	181	CASE 147	40678	Nurzec Stacja	DNA 1.10	BONE MARROW
WILD BOAR	40678/16	182	CASE 147	40678	Nurzec Stacja	HOMOGENATE	LYMPH NODE
WILD BOAR	40678/16	183	CASE 147	40678	Nurzec Stacja	DNA	LYMPH NODE
WILD BOAR	40741-5/16	184	CASE 148	40741-5	Zalesie	BLOOD	BLOOD EDTA
WILD BOAR	40741-5/16	185	CASE 148	40741-5	Zalesie	DNA	BLOOD
WILD BOAR	41312/16	186	CASE 149	41312	Mielnik	TISSUE	SPLEEN
WILD BOAR	41312/16	187	CASE 149	41312	Mielnik	HOMOGENATE	SPLEEN
WILD BOAR	41312/16	188	CASE 149	41312	Mielnik	DNA	SPLEEN
WILD BOAR	41312/16	189	CASE 149	41312	Mielnik	TISSUE	KIDNEY
WILD BOAR	41312/16	190	CASE 149	41312	Mielnik	HOMOGENATE	KIDNEY
WILD BOAR	41312/16	191	CASE 149	41312	Mielnik	DNA	KIDNEY
WILD BOAR	41313/16	192	CASE 150	41313	Nurzec Stacja	TISSUE	BONE MARROW
WILD BOAR	41313/16	193	CASE 150	41313	Nurzec Stacja	HOMOGENATE	BONE MARROW
WILD BOAR	41313/16	194	CASE 150	41313	Nurzec Stacja	DNA	BONE MARROW
WILD BOAR	41313/16	195	CASE 150	41313	Nurzec Stacja	DNA 1.10	BONE MARROW
WILD BOAR	41313/16	196	CASE 150	41313	Nurzec Stacja	TISSUE	LYMPH NODE
WILD BOAR	41313/16	197	CASE 150	41313	Nurzec Stacja	HOMOGENATE	LYMPH NODE
WILD BOAR	41313/16	198	CASE 150	41313	Nurzec Stacja	DNA	LYMPH NODE
WILD BOAR	41314/16	199	CASE 151	41314	Mielnik	BLOOD	SERUM
WILD BOAR	41314/16	200	CASE 151	41314	Mielnik	TISSUE	LYMPH NODE
WILD BOAR	41314/16	201	CASE 151	41314	Mielnik	HOMOGENATE	LYMPH NODE
WILD BOAR	41314/16	202	CASE 151	41314	Mielnik	DNA	LYMPH NODE
WILD BOAR	41314/16	203	CASE 151	41314	Mielnik	TISSUE	KIDNEY
WILD BOAR	41314/16	204	CASE 151	41314	Mielnik	HOMOGENATE	KIDNEY
WILD BOAR	41314/16	205	CASE 151	41314	Mielnik	DNA	KIDNEY
WILD BOAR	42752-2/16	206	CASE 152	42752-2	Zalesie	BLOOD	SERUM
WILD BOAR	42752-2/16	207	CASE 152	42752-2	Zalesie	DNA	BLOOD
WILD BOAR	43135/16	208	CASE 153	43135	Nurzec Stacja	TISSUE	SPLEEN
WILD BOAR	43135/16	209	CASE 153	43135	Nurzec Stacja	HOMOGENATE	SPLEEN
WILD BOAR	43135/16	210	CASE 153	43135	Nurzec Stacja	DNA	SPLEEN
WILD BOAR	43135/16	211	CASE 153	43135	Nurzec Stacja	TISSUE	LYMPH NODE
WILD BOAR	43135/16	212	CASE 153	43135	Nurzec Stacja	HOMOGENATE	LYMPH NODE
WILD BOAR	43135/16	213	CASE 153	43135	Nurzec Stacja	DNA	LYMPH NODE
WILD BOAR	43135/16	214	CASE 153	43135	Nurzec Stacja	TISSUE	KIDNEY
WILD BOAR	43135/16	215	CASE 153	43135	Nurzec Stacja	HOMOGENATE	KIDNEY
WILD BOAR	43135/16	216	CASE 153	43135	Nurzec Stacja	DNA	KIDNEY
WILD BOAR	43134/16	217	CASE 154	43134	Mielnik	TISSUE	SPLEEN
WILD BOAR	43134/16	218	CASE 154	43134	Mielnik	HOMOGENATE	SPLEEN
WILD BOAR	43134/16	219	CASE 154	43134	Mielnik	DNA	SPLEEN
WILD BOAR	43134/16	220	CASE 154	43134	Mielnik	TISSUE	KIDNEY
WILD BOAR	43134/16	221	CASE 154	43134	Mielnik	HOMOGENATE	KIDNEY
WILD BOAR	43134/16	222	CASE 154	43134	Mielnik	DNA	KIDNEY
WILD BOAR	43278-2/16	223	CASE 155	43278-2	Nurzec Stacja	BLOOD	SERUM
WILD BOAR	43287/16	224	CASE 156	43287	Czeremcha	TISSUE	BONE MARROW
WILD BOAR	43287/16	225	CASE 156	43287	Czeremcha	HOMOGENATE	BONE MARROW
WILD BOAR	43287/16	226	CASE 156	43287	Czeremcha	DNA	BONE MARROW
WILD BOAR	43287/16	227	CASE 156	43287	Czeremcha	DNA 1:10	BONE MARROW
WILD BOAR	43287/16	228	CASE 156	43287	Czeremcha	TISSUE	SPLEEN
WILD BOAR	43287/16	229	CASE 156	43287	Czeremcha	HOMOGENATE	SPLEEN
WILD BOAR	43287/16	230	CASE 156	43287	Czeremcha	DNA	SPLEEN



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

WILD BOAR	43287/16	231	CASE 156	43287	Czeremcha	TISSUE	KIDNEY
WILD BOAR	43287/16	232	CASE 156	43287	Czeremcha	HOMOGENATE	KIDNEY
WILD BOAR	43287/16	233	CASE 156	43287	Czeremcha	DNA	KIDNEY
WILD BOAR	43594-19/16	234	CASE 157	43594-19	Narewka	BLOOD	SERUM
WILD BOAR	43585-77/16	235	CASE 158	43585-77	Zalesie	BLOOD	SERUM
WILD BOAR	43884/16	236	CASE 159	43884	Stara Kornica	TISSUE	SPLEEN
WILD BOAR	43884/16	237	CASE 159	43884	Stara Kornica	HOMOGENATE	SPLEEN
WILD BOAR	43884/16	238	CASE 159	43884	Stara Kornica	DNA	SPLEEN
WILD BOAR	43884/16	239	CASE 159	43884	Stara Kornica	TISSUE	LYMPH NODE
WILD BOAR	43884/16	240	CASE 159	43884	Stara Kornica	HOMOGENATE	LYMPH NODE
WILD BOAR	43884/16	241	CASE 159	43884	Stara Kornica	DNA	LYMPH NODE
WILD BOAR	43884/16	242	CASE 159	43884	Stara Kornica	TISSUE	KIDNEY
WILD BOAR	43884/16	243	CASE 159	43884	Stara Kornica	HOMOGENATE	KIDNEY
WILD BOAR	43884/16	244	CASE 159	43884	Stara Kornica	DNA	KIDNEY
WILD BOAR	43987/16	245	CASE 160	43987	Nurzec Stacja	TISSUE	SPLEEN
WILD BOAR	43987/16	246	CASE 160	43987	Nurzec Stacja	HOMOGENATE	SPLEEN
WILD BOAR	43987/16	247	CASE 160	43987	Nurzec Stacja	DNA	SPLEEN
WILD BOAR	43987/16	248	CASE 160	43987	Nurzec Stacja	TISSUE	LYMPH NODE
WILD BOAR	43987/16	249	CASE 160	43987	Nurzec Stacja	HOMOGENATE	LYMPH NODE
WILD BOAR	43987/16	250	CASE 160	43987	Nurzec Stacja	DNA	LYMPH NODE
WILD BOAR	43987/16	251	CASE 160	43987	Nurzec Stacja	TISSUE	KIDNEY
WILD BOAR	43987/16	252	CASE 160	43987	Nurzec Stacja	HOMOGENATE	KIDNEY
WILD BOAR	43987/16	253	CASE 160	43987	Nurzec Stacja	DNA	KIDNEY
WILD BOAR	43988/16	254	CASE 160	43988	Nurzec Stacja	BLOOD	SERUM
WILD BOAR	43988/16	255	CASE 160	43988	Nurzec Stacja	TISSUE	BONE MARROW
WILD BOAR	43988/16	256	CASE 160	43988	Nurzec Stacja	HOMOGENATE	BONE MARROW
WILD BOAR	43988/16	257	CASE 160	43988	Nurzec Stacja	DNA	BONE MARROW
WILD BOAR	43988/16	258	CASE 160	43988	Nurzec Stacja	DNA 1:10	BONE MARROW
WILD BOAR	43988/16	259	CASE 160	43988	Nurzec Stacja	TISSUE	LYMPH NODE
WILD BOAR	43988/16	260	CASE 160	43988	Nurzec Stacja	HOMOGENATE	LYMPH NODE
WILD BOAR	43988/16	261	CASE 160	43988	Nurzec Stacja	DNA	LYMPH NODE
WILD BOAR	44124/16	262	CASE 161	44124	Zalesie	TISSUE	BONE MARROW
WILD BOAR	44124/16	263	CASE 161	44124	Zalesie	HOMOGENATE	BONE MARROW
WILD BOAR	44124/16	264	CASE 161	44124	Zalesie	DNA	BONE MARROW
WILD BOAR	44124/16	265	CASE 161	44124	Zalesie	DNA 1:10	BONE MARROW
WILD BOAR	44369-1/16	266	CASE 162	44369-1	Rokitno	TISSUE	BONE MARROW
WILD BOAR	44369-1/16	267	CASE 162	44369-1	Rokitno	HOMOGENATE	BONE MARROW
WILD BOAR	44369-1/16	268	CASE 162	44369-1	Rokitno	DNA	BONE MARROW
WILD BOAR	44369-2/16	269	CASE 162	44369-2	Rokitno	TISSUE	BONE MARROW
WILD BOAR	44369-2/16	270	CASE 162	44369-2	Rokitno	HOMOGENATE	BONE MARROW
WILD BOAR	44369-2/16	271	CASE 162	44369-2	Rokitno	DNA	BONE MARROW
WILD BOAR	44368-2/16	272	CASE 163	44368-2	Rokitno	BLOOD	SERUM
DOMESTIC PIG	19238/16	273	OUTBREAK 5	19238	Wysokie Mazowieckie	HOMOGENATE	KIDNEY
DOMESTIC PIG	19238/16	274	OUTBREAK 5	19238	Wysokie Mazowieckie	DNA	KIDNEY
DOMESTIC PIG	19258/16	275	OUTBREAK 5	19258	Wysokie Mazowieckie	HOMOGENATE	SPLEEN
DOMESTIC PIG	19258/16	276	OUTBREAK 5	19258	Wysokie Mazowieckie	DNA	SPLEEN
DOMESTIC PIG	19259/16	277	OUTBREAK 5	19259	Wysokie Mazowieckie	HOMOGENATE	KIDNEY
DOMESTIC PIG	19259/16	278	OUTBREAK 5	19259	Wysokie Mazowieckie	DNA	KIDNEY
DOMESTIC PIG	19260/16	279	OUTBREAK 5	19260	Wysokie Mazowieckie	HOMOGENATE	SPLEEN
DOMESTIC PIG	19260/16	280	OUTBREAK 5	19260	Wysokie Mazowieckie	DNA	SPLEEN
DOMESTIC PIG	19735/16	281	OUTBREAK 6	19735	Mielnik	TISSUE	SPLEEN
DOMESTIC PIG	19735/16	282	OUTBREAK 6	19735	Mielnik	HOMOGENATE	SPLEEN
DOMESTIC PIG	19735/16	283	OUTBREAK 6	19735	Mielnik	DNA	SPLEEN
DOMESTIC PIG	19735/16	284	OUTBREAK 6	19735	Mielnik	TISSUE	LYMPH NODE
DOMESTIC PIG	19735/16	285	OUTBREAK 6	19735	Mielnik	HOMOGENATE	LYMPH NODE
DOMESTIC PIG	19735/16	286	OUTBREAK 6	19735	Mielnik	DNA	LYMPH NODE



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

DOMESTIC PIG	19735/16	287	OUTBREAK 6	19735	Mielnik	TISSUE	KIDNEY
DOMESTIC PIG	19735/16	288	OUTBREAK 6	19735	Mielnik	HOMOGENATE	KIDNEY
DOMESTIC PIG	19735/16	289	OUTBREAK 6	19735	Mielnik	DNA	KIDNEY
DOMESTIC PIG	19821-1/16	290	OUTBREAK 6	19821-1	Mielnik	BLOOD	SERUM
DOMESTIC PIG	19821-2/16	291	OUTBREAK 6	19821-2	Mielnik	BLOOD	SERUM
DOMESTIC PIG	19821-2/16	292	OUTBREAK 6	19821-2	Mielnik	DNA	BLOOD
DOMESTIC PIG	19967/16	293	OUTBREAK 7	19967	Choroszcz	TISSUE	SPLEEN
DOMESTIC PIG	19967/16	294	OUTBREAK 7	19967	Choroszcz	HOMOGENATE	SPLEEN
DOMESTIC PIG	19967/16	295	OUTBREAK 7	19967	Choroszcz	DNA	SPLEEN
DOMESTIC PIG	19967/16	296	OUTBREAK 7	19967	Choroszcz	TISSUE	KIDNEY
DOMESTIC PIG	19967/16	297	OUTBREAK 7	19967	Choroszcz	HOMOGENATE	KIDNEY
DOMESTIC PIG	19967/16	298	OUTBREAK 7	19967	Choroszcz	DNA	KIDNEY
DOMESTIC PIG	19968/16	299	OUTBREAK 7	19968	Choroszcz	TISSUE	SPLEEN
DOMESTIC PIG	19968/16	300	OUTBREAK 7	19968	Choroszcz	HOMOGENATE	SPLEEN
DOMESTIC PIG	19968/16	301	OUTBREAK 7	19968	Choroszcz	DNA	SPLEEN
DOMESTIC PIG	19968/16	302	OUTBREAK 7	19968	Choroszcz	TISSUE	KIDNEY
DOMESTIC PIG	19968/16	303	OUTBREAK 7	19968	Choroszcz	HOMOGENATE	KIDNEY
DOMESTIC PIG	19968/16	304	OUTBREAK 7	19968	Choroszcz	DNA	KIDNEY
DOMESTIC PIG	19969/16	305	OUTBREAK 7	19969	Choroszcz	TISSUE	SPLEEN
DOMESTIC PIG	19969/16	306	OUTBREAK 7	19969	Choroszcz	HOMOGENATE	SPLEEN
DOMESTIC PIG	19969/16	307	OUTBREAK 7	19969	Choroszcz	DNA	SPLEEN
DOMESTIC PIG	19969/16	308	OUTBREAK 7	19969	Choroszcz	TISSUE	KIDNEY
DOMESTIC PIG	19969/16	309	OUTBREAK 7	19969	Choroszcz	HOMOGENATE	KIDNEY
DOMESTIC PIG	19969/16	310	OUTBREAK 7	19969	Choroszcz	DNA	KIDNEY
DOMESTIC PIG	19970-4/16	311	OUTBREAK 7	19970-4	Choroszcz	BLOOD	BLOOD EDTA
DOMESTIC PIG	19970-4/16	312	OUTBREAK 7	19970-4	Choroszcz	DNA	BLOOD
DOMESTIC PIG	20186/16	313	OUTBREAK 7	20186	Choroszcz	TISSUE	SPLEEN
DOMESTIC PIG	20186/16	314	OUTBREAK 7	20186	Choroszcz	HOMOGENATE	SPLEEN
DOMESTIC PIG	20186/16	315	OUTBREAK 7	20186	Choroszcz	DNA	SPLEEN
DOMESTIC PIG	20186/16	316	OUTBREAK 7	20186	Choroszcz	TISSUE	KIDNEY
DOMESTIC PIG	20186/16	317	OUTBREAK 7	20186	Choroszcz	HOMOGENATE	KIDNEY
DOMESTIC PIG	20186/16	318	OUTBREAK 7	20186	Choroszcz	DNA	KIDNEY
DOMESTIC PIG	20187/16	319	OUTBREAK 7	20187	Choroszcz	TISSUE	SPLEEN
DOMESTIC PIG	20187/16	320	OUTBREAK 7	20187	Choroszcz	HOMOGENATE	SPLEEN
DOMESTIC PIG	20187/16	321	OUTBREAK 7	20187	Choroszcz	DNA	SPLEEN
DOMESTIC PIG	20187/16	322	OUTBREAK 7	20187	Choroszcz	TISSUE	KIDNEY
DOMESTIC PIG	20187/16	323	OUTBREAK 7	20187	Choroszcz	HOMOGENATE	KIDNEY
DOMESTIC PIG	20187/16	324	OUTBREAK 7	20187	Choroszcz	DNA	KIDNEY
DOMESTIC PIG	20188-4/16	325	OUTBREAK 7	20188-4	Choroszcz	BLOOD	SERUM
DOMESTIC PIG	20188-4/16	326	OUTBREAK 7	20188-4	Choroszcz	DNA	BLOOD
DOMESTIC PIG	20208-2/16	327	OUTBREAK 8	20208-2	Zambrów	BLOOD	SERUM
DOMESTIC PIG	20208-2/16	328	OUTBREAK 8	20208-2	Zambrów	DNA	BLOOD
DOMESTIC PIG	20208-3/16	329	OUTBREAK 8	20208-3	Zambrów	BLOOD	SERUM
DOMESTIC PIG	20208-3/16	330	OUTBREAK 8	20208-3	Zambrów	DNA	BLOOD
DOMESTIC PIG	20543/16	331	OUTBREAK 8	20543	Zambrów	TISSUE	SPLEEN
DOMESTIC PIG	20543/16	332	OUTBREAK 8	20543	Zambrów	HOMOGENATE	SPLEEN
DOMESTIC PIG	20543/16	333	OUTBREAK 8	20543	Zambrów	DNA	SPLEEN
DOMESTIC PIG	20543/16	334	OUTBREAK 8	20543	Zambrów	TISSUE	KIDNEY
DOMESTIC PIG	20543/16	335	OUTBREAK 8	20543	Zambrów	HOMOGENATE	KIDNEY
DOMESTIC PIG	20543/16	336	OUTBREAK 8	20543	Zambrów	DNA	KIDNEY
DOMESTIC PIG	20543/16	337	OUTBREAK 8	20543	Zambrów	TISSUE	LUNG
DOMESTIC PIG	20543/16	338	OUTBREAK 8	20543	Zambrów	HOMOGENATE	LUNG
DOMESTIC PIG	20543/16	339	OUTBREAK 8	20543	Zambrów	DNA	LUNG
DOMESTIC PIG	19928-3/16	340	OUTBREAK 9	19928-3	Wysokie Mazowieckie	BLOOD	SERUM
DOMESTIC PIG	19928-3/16	341	OUTBREAK 9	19928-3	Wysokie Mazowieckie	DNA	BLOOD
DOMESTIC PIG	20533-1/16	342	OUTBREAK 9	20533-1	Wysokie Mazowieckie	BLOOD	SERUM





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

DOMESTIC PIG	20533-3/16	343	OUTBREAK 9	20533-3	Wysokie Mazowieckie	BLOOD	SERUM
DOMESTIC PIG	20533-3/16	344	OUTBREAK 9	20533-3	Wysokie Mazowieckie	DNA	BLOOD
DOMESTIC PIG	20533-10/16	345	OUTBREAK 9	20533-10	Wysokie Mazowieckie	BLOOD	SERUM
DOMESTIC PIG	20533-10/16	346	OUTBREAK 9	20533-10	Wysokie Mazowieckie	DNA	BLOOD
DOMESTIC PIG	20535/16	347	OUTBREAK 9	20535	Wysokie Mazowieckie	TISSUE	LYMPH NODE
DOMESTIC PIG	20535/16	348	OUTBREAK 9	20535	Wysokie Mazowieckie	HOMOGENATE	LYMPH NODE
DOMESTIC PIG	20535/16	349	OUTBREAK 9	20535	Wysokie Mazowieckie	DNA	LYMPH NODE
DOMESTIC PIG	20535/16	350	OUTBREAK 9	20535	Wysokie Mazowieckie	TISSUE	KIDNEY
DOMESTIC PIG	20535/16	351	OUTBREAK 9	20535	Wysokie Mazowieckie	HOMOGENATE	KIDNEY
DOMESTIC PIG	20535/16	352	OUTBREAK 9	20535	Wysokie Mazowieckie	DNA	KIDNEY
DOMESTIC PIG	20536/16	353	OUTBREAK 9	20536	Wysokie Mazowieckie	TISSUE	SPLEEN
DOMESTIC PIG	20536/16	354	OUTBREAK 9	20536	Wysokie Mazowieckie	HOMOGENATE	SPLEEN
DOMESTIC PIG	20536/16	355	OUTBREAK 9	20536	Wysokie Mazowieckie	DNA	SPLEEN
DOMESTIC PIG	20536/16	356	OUTBREAK 9	20536	Wysokie Mazowieckie	TISSUE	LYMPH NODE
DOMESTIC PIG	20536/16	357	OUTBREAK 9	20536	Wysokie Mazowieckie	HOMOGENATE	LYMPH NODE
DOMESTIC PIG	20536/16	358	OUTBREAK 9	20536	Wysokie Mazowieckie	DNA	LYMPH NODE
DOMESTIC PIG	20538/16	359	OUTBREAK 9	20538	Wysokie Mazowieckie	TISSUE	SPLEEN
DOMESTIC PIG	20538/16	360	OUTBREAK 9	20538	Wysokie Mazowieckie	HOMOGENATE	SPLEEN
DOMESTIC PIG	20538/16	361	OUTBREAK 9	20538	Wysokie Mazowieckie	DNA	SPLEEN
DOMESTIC PIG	20538/16	362	OUTBREAK 9	20538	Wysokie Mazowieckie	TISSUE	KIDNEY
DOMESTIC PIG	20538/16	363	OUTBREAK 9	20538	Wysokie Mazowieckie	HOMOGENATE	KIDNEY
DOMESTIC PIG	20538/16	364	OUTBREAK 9	20538	Wysokie Mazowieckie	DNA	KIDNEY
DOMESTIC PIG	20539/16	365	OUTBREAK 10	20539	Sokoły	TISSUE	SPLEEN
DOMESTIC PIG	20539/16	366	OUTBREAK 10	20539	Sokoły	HOMOGENATE	SPLEEN
DOMESTIC PIG	20539/16	367	OUTBREAK 10	20539	Sokoły	DNA	SPLEEN
DOMESTIC PIG	20539/16	368	OUTBREAK 10	20539	Sokoły	TISSUE	LYMPH NODE
DOMESTIC PIG	20539/16	369	OUTBREAK 10	20539	Sokoły	HOMOGENATE	LYMPH NODE
DOMESTIC PIG	20539/16	370	OUTBREAK 10	20539	Sokoły	DNA	LYMPH NODE
DOMESTIC PIG	20540/16	371	OUTBREAK 10	20540	Sokoły	TISSUE	SPLEEN
DOMESTIC PIG	20540/16	372	OUTBREAK 10	20540	Sokoły	HOMOGENATE	SPLEEN
DOMESTIC PIG	20540/16	373	OUTBREAK 10	20540	Sokoły	DNA	SPLEEN
DOMESTIC PIG	20540/16	374	OUTBREAK 10	20540	Sokoły	TISSUE	LYMPH NODE
DOMESTIC PIG	20540/16	375	OUTBREAK 10	20540	Sokoły	HOMOGENATE	LYMPH NODE
DOMESTIC PIG	20540/16	376	OUTBREAK 10	20540	Sokoły	DNA	LYMPH NODE
DOMESTIC PIG	20541/16	377	OUTBREAK 10	20541	Sokoły	TISSUE	SPLEEN
DOMESTIC PIG	20541/16	378	OUTBREAK 10	20541	Sokoły	HOMOGENATE	SPLEEN
DOMESTIC PIG	20541/16	379	OUTBREAK 10	20541	Sokoły	DNA	SPLEEN
DOMESTIC PIG	20541/16	380	OUTBREAK 10	20541	Sokoły	TISSUE	LYMPH NODE
DOMESTIC PIG	20541/16	381	OUTBREAK 10	20541	Sokoły	HOMOGENATE	LYMPH NODE
DOMESTIC PIG	20541/16	382	OUTBREAK 10	20541	Sokoły	DNA	LYMPH NODE
DOMESTIC PIG	20541/16	383	OUTBREAK 10	20541	Sokoły	TISSUE	KIDNEY
DOMESTIC PIG	20541/16	384	OUTBREAK 10	20541	Sokoły	HOMOGENATE	KIDNEY
DOMESTIC PIG	20541/16	385	OUTBREAK 10	20541	Sokoły	DNA	KIDNEY
DOMESTIC PIG	20801-7/16	386	OUTBREAK 10	20801-7	Sokoły	BLOOD	SERUM
DOMESTIC PIG	20801-7/16	387	OUTBREAK 10	20801-7	Sokoły	DNA	BLOOD
DOMESTIC PIG	20801-20/16	388	OUTBREAK 10	20801-20	Sokoły	BLOOD	SERUM
DOMESTIC PIG	20801-20/16	389	OUTBREAK 10	20801-20	Sokoły	DNA	BLOOD
DOMESTIC PIG	20801-23/16	390	OUTBREAK 10	20801-23	Sokoły	BLOOD	SERUM
DOMESTIC PIG	20801-23/16	391	OUTBREAK 10	20801-23	Sokoły	DNA	BLOOD
DOMESTIC PIG	20802/16	392	OUTBREAK 10	20802	Sokoły	BLOOD	SERUM
DOMESTIC PIG	20802/16	393	OUTBREAK 10	20802	Sokoły	DNA	BLOOD
DOMESTIC PIG	20803/16	394	OUTBREAK 10	20803	Sokoły	TISSUE	SPLEEN
DOMESTIC PIG	20803/16	395	OUTBREAK 10	20803	Sokoły	HOMOGENATE	SPLEEN
DOMESTIC PIG	20803/16	396	OUTBREAK 10	20803	Sokoły	DNA	SPLEEN
DOMESTIC PIG	20804/16	397	OUTBREAK 10	20804	Sokoły	TISSUE	SPLEEN
DOMESTIC PIG	20804/16	398	OUTBREAK 10	20804	Sokoły	HOMOGENATE	SPLEEN



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

DOMESTIC PIG	20804/16	399	OUTBREAK 10	20804	Sokoły	DNA	SPLEEN
DOMESTIC PIG	20804/16	400	OUTBREAK 10	20804	Sokoły	TISSUE	LYMPH NODE
DOMESTIC PIG	20804/16	401	OUTBREAK 10	20804	Sokoły	HOMOGENATE	LYMPH NODE
DOMESTIC PIG	20804/16	402	OUTBREAK 10	20804	Sokoły	DNA	LYMPH NODE
DOMESTIC PIG	20805/16	403	OUTBREAK 10	20805	Sokoły	TISSUE	SPLEEN
DOMESTIC PIG	20805/16	404	OUTBREAK 10	20805	Sokoły	HOMOGENATE	SPLEEN
DOMESTIC PIG	20805/16	405	OUTBREAK 10	20805	Sokoły	DNA	SPLEEN
DOMESTIC PIG	20805/16	406	OUTBREAK 10	20805	Sokoły	TISSUE	KIDNEY
DOMESTIC PIG	20805/16	407	OUTBREAK 10	20805	Sokoły	HOMOGENATE	KIDNEY
DOMESTIC PIG	20805/16	408	OUTBREAK 10	20805	Sokoły	DNA	KIDNEY
DOMESTIC PIG	20806/16	409	OUTBREAK 10	20806	Sokoły	TISSUE	SPLEEN
DOMESTIC PIG	20806/16	410	OUTBREAK 10	20806	Sokoły	HOMOGENATE	SPLEEN
DOMESTIC PIG	20806/16	411	OUTBREAK 10	20806	Sokoły	DNA	SPLEEN
DOMESTIC PIG	20806/16	412	OUTBREAK 10	20806	Sokoły	TISSUE	LYMPH NODE
DOMESTIC PIG	20806/16	413	OUTBREAK 10	20806	Sokoły	HOMOGENATE	LYMPH NODE
DOMESTIC PIG	20806/16	414	OUTBREAK 10	20806	Sokoły	DNA	LYMPH NODE
DOMESTIC PIG	20633/16	415	OUTBREAK 11	20633	Janów Podlaski	BLOOD	BLOOD EDTA
DOMESTIC PIG	20633/16	416	OUTBREAK 11	20633	Janów Podlaski	DNA	BLOOD
DOMESTIC PIG	20634/16	417	OUTBREAK 11	20634	Janów Podlaski	BLOOD	BLOOD EDTA
DOMESTIC PIG	20634/16	418	OUTBREAK 11	20634	Janów Podlaski	DNA	BLOOD
DOMESTIC PIG	20778/16	419	OUTBREAK 12	20778	Bielsk Podlaski	TISSUE	SPLEEN
DOMESTIC PIG	20778/16	420	OUTBREAK 12	20778	Bielsk Podlaski	HOMOGENATE	SPLEEN
DOMESTIC PIG	20778/16	421	OUTBREAK 12	20778	Bielsk Podlaski	DNA	SPLEEN
DOMESTIC PIG	20778/16	422	OUTBREAK 12	20778	Bielsk Podlaski	TISSUE	LYMPH NODE
DOMESTIC PIG	20778/16	423	OUTBREAK 12	20778	Bielsk Podlaski	HOMOGENATE	LYMPH NODE
DOMESTIC PIG	20778/16	424	OUTBREAK 12	20778	Bielsk Podlaski	DNA	LYMPH NODE
DOMESTIC PIG	20778/16	425	OUTBREAK 12	20778	Bielsk Podlaski	TISSUE	KIDNEY
DOMESTIC PIG	20778/16	426	OUTBREAK 12	20778	Bielsk Podlaski	HOMOGENATE	KIDNEY
DOMESTIC PIG	20778/16	427	OUTBREAK 12	20778	Bielsk Podlaski	DNA	KIDNEY
DOMESTIC PIG	21010-5/16	428	OUTBREAK 12	21010-5	Bielsk Podlaski	BLOOD	SERUM
DOMESTIC PIG	21010-5/16	429	OUTBREAK 12	21010-5	Bielsk Podlaski	DNA	BLOOD
DOMESTIC PIG	21010-7/16	430	OUTBREAK 12	21010-7	Bielsk Podlaski	BLOOD	SERUM
DOMESTIC PIG	21010-7/16	431	OUTBREAK 12	21010-7	Bielsk Podlaski	DNA	BLOOD
DOMESTIC PIG	21010-10/16	432	OUTBREAK 12	21010-10	Bielsk Podlaski	BLOOD	SERUM
DOMESTIC PIG	21010-10/16	433	OUTBREAK 12	21010-10	Bielsk Podlaski	DNA	BLOOD
DOMESTIC PIG	21120-1/16	434	OUTBREAK 13	21120-1	Leśna Podlaska	BLOOD	BLOOD EDTA
DOMESTIC PIG	21120-1/16	435	OUTBREAK 13	21120-1	Leśna Podlaska	DNA	BLOOD
DOMESTIC PIG	21120-5/16	436	OUTBREAK 13	21120-5	Leśna Podlaska	BLOOD	CLOTTED
DOMESTIC PIG	21120-5/16	437	OUTBREAK 13	21120-5	Leśna Podlaska	DNA	CLOTH
DOMESTIC PIG	21120-6/16	438	OUTBREAK 13	21120-6	Leśna Podlaska	BLOOD	CLOTTED
DOMESTIC PIG	21120-6/16	439	OUTBREAK 13	21120-6	Leśna Podlaska	DNA	CLOTH
DOMESTIC PIG	21508/16	440	OUTBREAK 14	21508	Leśna Podlaska	BLOOD	BLOOD EDTA
DOMESTIC PIG	21508/16	441	OUTBREAK 14	21508	Leśna Podlaska	DNA	BLOOD
DOMESTIC PIG	22042/16	442	OUTBREAK 15	22042	Stara Kornica	TISSUE	SPLEEN
DOMESTIC PIG	22042/16	443	OUTBREAK 15	22042	Stara Kornica	HOMOGENATE	SPLEEN
DOMESTIC PIG	22042/16	444	OUTBREAK 15	22042	Stara Kornica	DNA	SPLEEN
DOMESTIC PIG	22042/16	445	OUTBREAK 15	22042	Stara Kornica	TISSUE	LYMPH NODE
DOMESTIC PIG	22042/16	446	OUTBREAK 15	22042	Stara Kornica	HOMOGENATE	LYMPH NODE
DOMESTIC PIG	22042/16	447	OUTBREAK 15	22042	Stara Kornica	DNA	LYMPH NODE
DOMESTIC PIG	22042/16	448	OUTBREAK 15	22042	Stara Kornica	TISSUE	TONSIL
DOMESTIC PIG	22042/16	449	OUTBREAK 15	22042	Stara Kornica	HOMOGENATE	TONSIL
DOMESTIC PIG	22042/16	450	OUTBREAK 15	22042	Stara Kornica	DNA	TONSIL
DOMESTIC PIG	22047/16	451	OUTBREAK 16	22047	Mielnik	BLOOD	SERUM
DOMESTIC PIG	22047/16	452	OUTBREAK 16	22047	Mielnik	DNA	BLOOD
DOMESTIC PIG	22049/16	453	OUTBREAK 16	22049	Mielnik	BLOOD	SERUM
DOMESTIC PIG	22363/16	454	OUTBREAK 17	22363	Nurzec Stacja	TISSUE	SPLEEN



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

DOMESTIC PIG	22363/16	455	OUTBREAK 17	22363	Nurzec Stacja	HOMOGENATE	SPLEEN
DOMESTIC PIG	22363/16	456	OUTBREAK 17	22363	Nurzec Stacja	DNA	SPLEEN
DOMESTIC PIG	22363/16	457	OUTBREAK 17	22363	Nurzec Stacja	TISSUE	KIDNEY
DOMESTIC PIG	22363/16	458	OUTBREAK 17	22363	Nurzec Stacja	HOMOGENATE	KIDNEY
DOMESTIC PIG	22363/16	459	OUTBREAK 17	22363	Nurzec Stacja	DNA	KIDNEY
DOMESTIC PIG	22922-4/16	460	OUTBREAK 18	22922-4	Goniądz	BLOOD	SERUM
DOMESTIC PIG	22922-4/16	461	OUTBREAK 18	22922-4	Goniądz	DNA	BLOOD
DOMESTIC PIG	22923/16	462	OUTBREAK 18	22923	Goniądz	TISSUE	SPLEEN
DOMESTIC PIG	22923/16	463	OUTBREAK 18	22923	Goniądz	HOMOGENATE	SPLEEN
DOMESTIC PIG	22923/16	464	OUTBREAK 18	22923	Goniądz	DNA	SPLEEN
DOMESTIC PIG	22923/16	465	OUTBREAK 18	22923	Goniądz	TISSUE	KIDNEY
DOMESTIC PIG	22923/16	466	OUTBREAK 18	22923	Goniądz	HOMOGENATE	KIDNEY
DOMESTIC PIG	22923/16	467	OUTBREAK 18	22923	Goniądz	DNA	KIDNEY
DOMESTIC PIG	23547-1/16	468	OUTBREAK 18	23547-1	Goniądz	HOMOGENATE	BONE MARROW
DOMESTIC PIG	23547-1/16	469	OUTBREAK 18	23547-1	Goniądz	DNA	BONE MARROW
DOMESTIC PIG	23547-4/16	470	OUTBREAK 18	23547-4	Goniądz	HOMOGENATE	BONE MARROW
DOMESTIC PIG	23547-4/16	471	OUTBREAK 18	23547-4	Goniądz	DNA	BONE MARROW
DOMESTIC PIG	24543-7/16	472	OUTBREAK 19	24543-7	Podlaska	BLOOD	SERUM
DOMESTIC PIG	24543-8/16	473	OUTBREAK 19	24543-8	Podlaska	BLOOD	SERUM
DOMESTIC PIG	24543-8/16	474	OUTBREAK 19	24543-8	Podlaska	DNA	BLOOD
DOMESTIC PIG	26002/16	475	OUTBREAK 20	26002	Stara Kornica	TISSUE	SPLEEN
DOMESTIC PIG	26002/16	476	OUTBREAK 20	26002	Stara Kornica	HOMOGENATE	SPLEEN
DOMESTIC PIG	26002/16	477	OUTBREAK 20	26002	Stara Kornica	DNA	SPLEEN
DOMESTIC PIG	28636-4/16	478	OUTBREAK 21	28636-4	Leśna Podlaska	BLOOD	SERUM
DOMESTIC PIG	28636-4/16	479	OUTBREAK 21	28636-4	Leśna Podlaska	DNA	BLOOD
DOMESTIC PIG	28636-5/16	480	OUTBREAK 21	28636-5	Leśna Podlaska	BLOOD	SERUM
DOMESTIC PIG	28636-5/16	481	OUTBREAK 21	28636-5	Leśna Podlaska	DNA	BLOOD
DOMESTIC PIG	28636-9/16	482	OUTBREAK 21	28636-9	Leśna Podlaska	BLOOD	SERUM
DOMESTIC PIG	28636-9/16	483	OUTBREAK 21	28636-9	Leśna Podlaska	DNA	BLOOD
DOMESTIC PIG	28707/16	484	OUTBREAK 22	28707	Nurzec Stacja	TISSUE	SPLEEN
DOMESTIC PIG	28707/16	485	OUTBREAK 22	28707	Nurzec Stacja	HOMOGENATE	SPLEEN
DOMESTIC PIG	28707/16	486	OUTBREAK 22	28707	Nurzec Stacja	DNA	SPLEEN
DOMESTIC PIG	29413/16	487	OUTBREAK 23	29413	Nurzec Stacja	TISSUE	SPLEEN
DOMESTIC PIG	29413/16	488	OUTBREAK 23	29413	Nurzec Stacja	HOMOGENATE	SPLEEN
DOMESTIC PIG	29413/16	489	OUTBREAK 23	29413	Nurzec Stacja	DNA	SPLEEN
DOMESTIC PIG	29415/16	490	OUTBREAK 23	29415	Nurzec Stacja	TISSUE	SPLEEN
DOMESTIC PIG	29415/16	491	OUTBREAK 23	29415	Nurzec Stacja	HOMOGENATE	SPLEEN
DOMESTIC PIG	29415/16	492	OUTBREAK 23	29415	Nurzec Stacja	DNA	SPLEEN
DOMESTIC PIG	29415/16	493	OUTBREAK 23	29415	Nurzec Stacja	TISSUE	KIDNEY
DOMESTIC PIG	29415/16	494	OUTBREAK 23	29415	Nurzec Stacja	HOMOGENATE	KIDNEY
DOMESTIC PIG	29415/16	495	OUTBREAK 23	29415	Nurzec Stacja	DNA	KIDNEY

**EXECUTION DATE:** From 9<sup>th</sup> February to 17<sup>th</sup> May, 2017

**ASF DIAGNOSTIC TESTS PERFORMED:**

**1. ASF virus detection:**

- a. **ASFV genome detection.** 10% (w/v) clarified homogenized tissue suspensions were prepared from the 133 tissues received (71 from wild boar and 51 from domestic pigs) in phosphate-buffered saline [PNT/CISA/PPA/MUESTRAS/1] using the High Pure PCR Template Preparation Kit [Ref. 11796828001 (ROCHE)] following the standardised procedure [PNT/CISA/PPA/EXTRACCIÓN



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

ADN/1]. Further DNA amplification was directly performed from the 133 tissue homogenates prepared at the EURL (71 from wild boar and 51 from domestic pigs), the 131 homogenates received from the NVRI (74 from wild boar and 57 from domestic pigs), 45 sera (22 from wild boar and 23 from domestic pigs), 13 bloods with EDTA (5 from wild boar and 8 from domestic pigs) and 2 clotted bloods EDTA

The amplification of the ASFV DNA was done by the UPL real-time PCR (Fernández-Pinero *et al.*, 2013) [PNT/CISA/PPA/PCR/3] in a total of 305 DNAs extracted at the EURL and from the 181 extracted DNAs received from the NVRI.

- b. **ASF virus isolation and haemadsorption (HAD) assay\*** [PNT/CISA/PPA/VI/1] was performed on porcine blood monocytes (PBM) according is described in the OIE Manual (OIE 2012). The PBM were inoculated at a multiplicity of infection (moi) 1:10 with selected PCR positive samples (8 wells/per sample; 10 µl inoculum per well). After inoculation, a preparation of 1% homologous red blood cells in phosphate-buffered 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 samples have been blind passaged three times.

2. **ASF serological diagnosis.** For ASF antibody detection, the 46 serum samples were tested using the OIE-indirect ELISA [PNT/CISA/PPA/ELISA/1]. Positive and/or doubt results were confirmed by the immunoblotting test [PNT/CISA/PPA/IB/1]. All serum samples, were tested also using the indirect immunoperoxidase technique (IPT)\* [PNT/CISA/PPA/IPT/1].

In addition, 86 tissue exudates, 13 bloods and 2 clotted bloods were tested using the indirect immunoperoxidase technique (IPT)\* [PNT/CISA/PPA/IPT/1] in two fold dilutions starting from 1/20.

The 10% (w/v) clarified **homogenized tissue suspensions from bone marrow** were also tested using the indirect immunoperoxidase technique (IPT)\* [PNT/CISA/PPA/IPT/1] in two fold dilutions starting from 1/5.

3. **ASFV molecular characterization\***. Genetic characterization of ASFV from **51 wild boar and 19 domestic pigs** has been performed by PCR and further sequencing throughout the initial analysis of three independent regions of the ASFV genome which comprises; i) the C- terminal end of VP72 coding protein gene, which differentiates up to 23 distinct genotypes (Boshoff *et al.*, 2007; Achenbach JE *et al.*, 2016), ii) the intergenic region located between the *I73R* and *I329L* genes and characterized by the presence of TRS (Gallardo *et al.*, 2014) and iii) the central

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

variable region (CVR) within the B602L-gene (Gallardo *et al.*, 2011). Although the CVR and the IGR<sub>173R-1329L</sub> have proven useful for resolving epidemiologic complexities at the genotype II, additional genome markers are required to determine the origin and to map the spread of closely related ASFV isolates circulating in the EU countries. Thus, we used a set of primers which amplified ~500-bp fragment located in the intergenic region between the multigene family (MGF) 505 9R and the 10R genes of ASFV genome. This intergenic region has been recently identified as a potential marker region for distinguishing between modern closely related ASFV isolates of II genotype (Elsukova, A., *et al.*, 2016).

The nucleotide sequences obtained have been compared with **774 representative genotype II ASFVs isolated since April 2007 up to September 2016 from wild and domestic pigs in Eastern and Central European countries** (Lithuania, Poland, Latvia, Estonia, Belarus, Ukraine, Armenia, Azerbaijan, Georgia, Moldova and Russia Federation).

## RESULTS

### 1. ASF VIRUS DETECTION:

1.1. **WILD BOAR SAMPLES** → **Positive ASFV result** has been obtained by the UPL real-time PCR in **262 out of 272 samples tested from wild boar confirming the presence of ASFV in 53 out of the 63 wild boar received (84.13%)**. The weak positive result (Ct>35) obtained in the samples identified as 25, 53, 54, 63, 64, 259 and 267 (ID CISA) was confirmed in a second PCR amplification run in which the extracted DNA per each sample was analysed by duplicate. **ASF virus isolation and haemadsorption (HAD) assay** is on-going. After 3 passages in cell culture **the ASF virus was isolated, showing the haemadsorbing pattern**, in **3 out of 48 wild boar** tested. The results obtained in virus detection are summarized in the **table 2**.

Table 2 → ASF VIRUS DETECTION RESULTS IN WILD BOAR SAMPLES								
Sample ID CISA	Sample laboratory code in Poland's NRL		TYPE SAMPLE RECEIVED		UPL-real time PCR <sup>(a)</sup>			VI-HAD <sup>(b)*</sup> (3 passages)
					CT value	2 <sup>nd</sup> PCR CT values	3 <sup>rd</sup> PCR CT values	
1	CASE 107	21008	BLOOD	SERUM	25			POSITIVE NT
2	CASE 107	21008	TISSUE	SPLEEN	22.52			POSITIVE NEGATIVE
3	CASE 107	21008	HOMOGENATE	SPLEEN	23.07			POSITIVE NT
4	CASE 107	21008	DNA	SPLEEN	21.15			POSITIVE NT
5	CASE 107	21008	TISSUE	KIDNEY	28.57			POSITIVE NT
6	CASE 107	21008	HOMOGENATE	KIDNEY	23.59			POSITIVE NT
7	CASE 107	21008	DNA	KIDNEY	25.15			POSITIVE NT
8	CASE 108	21169-11	BLOOD	SERUM	28.11			POSITIVE NEGATIVE





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

9	CASE109	22365	HOMOGENATE	SPLEEN	22.25			POSITIVE	NEGATIVE
10	CASE109	22365	DNA	SPLEEN	24.94			POSITIVE	NT
11	CASE109	22365	HOMOGENATE	LYMPH NODE	23.63			POSITIVE	NT
12	CASE109	22365	DNA	LYMPH NODE	24.94			POSITIVE	NT
13	CASE 110	22189-3	BLOOD	SERUM	No Ct			NEGATIVE	NT
14	CASE 111	23416-6	BLOOD	SERUM	No Ct <sup>(1)</sup>			NEGATIVE	NT
15	CASE 112	28460	BLOOD	SERUM	21.41			POSITIVE	NT
16	CASE 112	28460	TISSUE	SPLEEN	24.77			POSITIVE	NEGATIVE
17	CASE 112	28460	HOMOGENATE	SPLEEN	22.27			POSITIVE	NT
18	CASE 112	28460	DNA	SPLEEN	19.65			POSITIVE	NT
19	CASE 113	29168	TISSUE	KIDNEY	35.84	31.48	31.45	POSITIVE	NT
20	CASE 113	29168	HOMOGENATE	KIDNEY	30.1			POSITIVE	POSITIVE
21	CASE 113	29168	DNA	KIDNEY	28.53			POSITIVE	NT
22	CASE 114	30424	TISSUE	SPLEEN	37.71	34.59	33.46	POSITIVE	NT
23	CASE 114	30424	HOMOGENATE	SPLEEN	28.19			POSITIVE	NEGATIVE
24	CASE 114	30424	DNA	SPLEEN	30.09			POSITIVE	NT
25	CASE 114	30424	TISSUE	KIDNEY	37.65	35.85	36.53	WEAK	NT
26	CASE 114	30424	HOMOGENATE	KIDNEY	28.57			POSITIVE	NT
27	CASE 114	30424	DNA	KIDNEY	32.09			POSITIVE	NT
28	CASE 115	32669	BLOOD	SERUM	28.01			POSITIVE	NEGATIVE
29	CASE 115	32669	DNA	BLOOD	24.03			POSITIVE	NT
30	CASE 116	33290	BLOOD	BLOOD EDTA	20.34			POSITIVE	NEGATIVE
31	CASE 116	33290	DNA	BLOOD	17.93			POSITIVE	NT
32	CASE 117	33119-4	BLOOD	SERUM	No Ct			NEGATIVE	NT
33	CASE 118	33533	TISSUE	SPLEEN	27.94			POSITIVE	NEGATIVE
34	CASE 118	33533	HOMOGENATE	SPLEEN	24.6			POSITIVE	NT
35	CASE 118	33533	DNA	SPLEEN	21.47			POSITIVE	NT
36	CASE 118	33533	TISSUE	KIDNEY	37.86	31.33	30.8	POSITIVE	NT
37	CASE 118	33533	HOMOGENATE	KIDNEY	31.66			POSITIVE	NT
38	CASE 118	33533	DNA	KIDNEY	28.43			POSITIVE	NT
39	CASE 118	33533	TISSUE	LUNG	34.23			POSITIVE	NT
40	CASE 118	33533	HOMOGENATE	LUNG	28.52			POSITIVE	NT
41	CASE 118	33533	DNA	LUNG	24.64			POSITIVE	NT
42	CASE 119	34882	BLOOD	BLOOD EDTA	24.02			POSITIVE	NEGATIVE
43	CASE 119	34882	DNA	BLOOD	22.77			POSITIVE	NT
44	CASE 120	35773	TISSUE	SPLEEN	27.43			POSITIVE	NEGATIVE
45	CASE 120	35773	HOMOGENATE	SPLEEN	22.04			POSITIVE	NT
46	CASE 120	35773	DNA	SPLEEN	21.17			POSITIVE	NT
47	CASE 120	35773	TISSUE	LYMPH NODE	26.55			POSITIVE	NT
48	CASE 120	35773	HOMOGENATE	LYMPH NODE	24.77			POSITIVE	NT
49	CASE 120	35773	DNA	LYMPH NODE	21.16			POSITIVE	NT
50	CASE 120	35773	TISSUE	KIDNEY	28.51			POSITIVE	NT
51	CASE 120	35773	HOMOGENATE	KIDNEY	29.8			POSITIVE	NT
52	CASE 120	35773	DNA	KIDNEY	28.88			POSITIVE	NT
53	CASE 121	35910	TISSUE	BONE MARROW	39.27	39.5	No Ct	WEAK	NT
54	CASE 121	35910	HOMOGENATE	BONE MARROW	36.82	38.52	39.05	WEAK	NT
55	CASE 121	35910	DNA	BONE MARROW	26.96			POSITIVE	NT
56	CASE 121	35910	DNA 1:10	BONE MARROW	28.21			POSITIVE	NT
57	CASE 122	396053-2	TISSUE	SPLEEN	24.91			POSITIVE	NEGATIVE
58	CASE 122	396053-2	HOMOGENATE	SPLEEN	23.82			POSITIVE	NT
59	CASE 122	396053-2	DNA	SPLEEN	22.28			POSITIVE	NT
60	CASE 123	36048-1	BLOOD	SERUM	No Ct			NEGATIVE	NT
61	CASE 124	36299	BLOOD	BLOOD EDTA	25.36			POSITIVE	NEGATIVE
62	CASE 124	36299	DNA	BLOOD	25.95			POSITIVE	NT
63	CASE 125	37077	TISSUE	BONE MARROW	36.04	36.29	36.22	WEAK	NT
64	CASE 125	37077	HOMOGENATE	BONE MARROW	36.59	38.08	37.64	WEAK	NT



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

65	CASE 125	37077	DNA	BONE MARROW	23.4		POSITIVE	NT
66	CASE 125	37077	DNA 1:10	BONE MARROW	30.06		POSITIVE	NT
67	CASE 125	37077	TISSUE	LUNG	25.83		POSITIVE	NEGATIVE
68	CASE 125	37077	HOMOGENATE	LUNG	23.71		POSITIVE	NT
69	CASE 125	37077	DNA	LUNG	19.47		POSITIVE	NT
70	CASE 125	37077	TISSUE	HEART	28.21		POSITIVE	NT
71	CASE 125	37077	HOMOGENATE	HEART	28.4		POSITIVE	NT
72	CASE 125	37077	DNA	HEART	25.05		POSITIVE	NT
73	CASE 126	37322	TISSUE	SPLEEN	25.01		POSITIVE	NEGATIVE
74	CASE 126	37322	HOMOGENATE	SPLEEN	23.58		POSITIVE	NT
75	CASE 126	37322	DNA	SPLEEN	20.77		POSITIVE	NT
76	CASE 126	37322	TISSUE	LYMPH NODE	24.91		POSITIVE	NT
77	CASE 126	37322	HOMOGENATE	LYMPH NODE	23.13		POSITIVE	NT
78	CASE 126	37322	DNA	LYMPH NODE	21.62		POSITIVE	NT
79	CASE 126	37322	TISSUE	KIDNEY	29.45		POSITIVE	NT
80	CASE 126	37322	HOMOGENATE	KIDNEY	31.38		POSITIVE	NT
81	CASE 126	37322	DNA	KIDNEY	26.19		POSITIVE	NT
82	CASE 127	36801	TISSUE	BONE MARROW	29.68		POSITIVE	NEGATIVE
83	CASE 127	36801	HOMOGENATE	BONE MARROW	28.12		POSITIVE	NT
84	CASE 127	36801	DNA	BONE MARROW	19.18		POSITIVE	NT
85	CASE 127	36801	DNA 1:10	BONE MARROW	21.58		POSITIVE	NT
86	CASE 128	37591	TISSUE	BONE MARROW	31.07		POSITIVE	NEGATIVE
87	CASE 128	37591	HOMOGENATE	BONE MARROW	30.97		POSITIVE	NT
88	CASE 128	37591	DNA	BONE MARROW	26.3		POSITIVE	NT
89	CASE 128	37591	DNA 1:10	BONE MARROW	23.04		POSITIVE	NT
90	CASE 129	37855	TISSUE	BONE MARROW	29.69		POSITIVE	NT
91	CASE 129	37855	HOMOGENATE	BONE MARROW	24.92		POSITIVE	NEGATIVE
92	CASE 129	37855	DNA	BONE MARROW	19.42		POSITIVE	NT
93	CASE 129	37855	DNA 1:10	BONE MARROW	21.38		POSITIVE	NT
94	CASE 130	37928-7	BLOOD	SERUM	No Ct		NEGATIVE	NT
95	CASE 131	37930-85	BLOOD	SERUM	No Ct		NEGATIVE	NT
96	CASE 132	37935-3	BLOOD	SERUM	No Ct		NEGATIVE	NT
97	CASE 133	38210	TISSUE	BONE MARROW	29.35		POSITIVE	NT
98	CASE 133	38210	HOMOGENATE	BONE MARROW	22.44		POSITIVE	NEGATIVE
99	CASE 133	38210	DNA	BONE MARROW	25.55		POSITIVE	NT
100	CASE 133	38210	DNA 1:10	BONE MARROW	28.87		POSITIVE	NT
101	CASE 133	38211	TISSUE	SPLEEN	27.26		POSITIVE	NT
102	CASE 133	38211	HOMOGENATE	SPLEEN	24.26		POSITIVE	NEGATIVE
103	CASE 133	38211	DNA	SPLEEN	21.32		POSITIVE	NT
104	CASE 133	38211	TISSUE	KIDNEY	31.12		POSITIVE	NT
105	CASE 133	38211	HOMOGENATE	KIDNEY	32.94		POSITIVE	NT
106	CASE 133	38211	DNA	KIDNEY	23.62		POSITIVE	NT
107	CASE 133	38211	TISSUE	LUNG	26.47		POSITIVE	NT
108	CASE 133	38211	HOMOGENATE	LUNG	28		POSITIVE	NT
109	CASE 133	38211	DNA	LUNG	23.1		POSITIVE	NT
110	CASE 133	38212	TISSUE	SPLEEN	26.39		POSITIVE	NEGATIVE
111	CASE 133	38212	HOMOGENATE	SPLEEN	25.02		POSITIVE	NT
112	CASE 133	38212	DNA	SPLEEN	23.98		POSITIVE	NT
113	CASE 133	38212	TISSUE	KIDNEY	30.08		POSITIVE	NT
114	CASE 133	38212	HOMOGENATE	KIDNEY	34.48		POSITIVE	NT
115	CASE 133	38212	DNA	KIDNEY	26.51		POSITIVE	NT
116	CASE 133	38212	TISSUE	LUNG	27.41		POSITIVE	NT
117	CASE 133	38212	HOMOGENATE	LUNG	28.08		POSITIVE	NT
118	CASE 133	38212	DNA	LUNG	25.31		POSITIVE	NT
119	CASE 134	38551	BLOOD	BLOOD EDTA	28.08		POSITIVE	NEGATIVE
120	CASE 134	38551	DNA	BLOOD	27.65		POSITIVE	NT



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

121	CASE 134	38552	BLOOD	BLOOD EDTA	28.36			POSITIVE	NEGATIVE
122	CASE 134	38552	DNA	BLOOD	26.81			POSITIVE	NT
123	CASE 134	38553	TISSUE	BONE MARROW	25.88			POSITIVE	NEGATIVE
124	CASE 134	38553	HOMOGENATE	BONE MARROW	25.35			POSITIVE	NT
125	CASE 134	38553	DNA	BONE MARROW	20.35			POSITIVE	NT
126	CASE 134	38553	DNA 1:10	BONE MARROW	24.56			POSITIVE	NT
127	CASE 135	38555	BLOOD	BLOOD EDTA	19.3			POSITIVE	NEGATIVE
128	CASE 135	38555	DNA	BLOOD	21.78			POSITIVE	NT
129	CASE 136	38557-13	BLOOD	BLOOD EDTA	28.74			POSITIVE	NT
130	CASE 136	38557-13	DNA	BLOOD	24.99			POSITIVE	NT
131	CASE 137	38657-3	BLOOD	SERUM	33.12 <sup>(1)</sup>			POSITIVE	NEGATIVE
132	CASE 138	38885	BLOOD	SERUM	22.71 <sup>(1)</sup>			POSITIVE	NT
133	CASE 138	38885	TISSUE	SPLEEN	25.46			POSITIVE	NEGATIVE
134	CASE 138	38885	HOMOGENATE	SPLEEN	24.78			POSITIVE	NT
135	CASE 138	38885	DNA	SPLEEN	21.4			POSITIVE	NT
136	CASE 138	38885	TISSUE	LYMPH NODE	23.89			POSITIVE	NT
137	CASE 138	38885	HOMOGENATE	LYMPH NODE	23.9			POSITIVE	NT
138	CASE 138	38885	DNA	LYMPH NODE	20.84			POSITIVE	NT
139	CASE 138	38885	TISSUE	KIDNEY	26.39			POSITIVE	
140	CASE 138	38885	HOMOGENATE	KIDNEY	28.35			POSITIVE	NT
141	CASE 138	38885	DNA	KIDNEY	25.53			POSITIVE	NT
142	CASE 139	39032	TISSUE	LYMPH NODE	23.1			POSITIVE	NEGATIVE
143	CASE 139	39032	HOMOGENATE	LYMPH NODE	25.56			POSITIVE	NT
144	CASE 139	39032	DNA	LYMPH NODE	21.52			POSITIVE	NT
145	CASE 140	39237	TISSUE	SPLEEN	23.5			POSITIVE	NEGATIVE
146	CASE 140	39237	HOMOGENATE	SPLEEN	26.58			POSITIVE	NT
147	CASE 140	39237	DNA	SPLEEN	21.52			POSITIVE	NT
148	CASE 140	39237	TISSUE	KIDNEY	32.07			POSITIVE	NT
149	CASE 140	39237	HOMOGENATE	KIDNEY	30.68			POSITIVE	NT
150	CASE 140	39237	DNA	KIDNEY	25.78			POSITIVE	NT
151	CASE 141	39235	TISSUE	SPLEEN	26.25			POSITIVE	NEGATIVE
152	CASE 141	39235	HOMOGENATE	SPLEEN	21.58			POSITIVE	NT
153	CASE 141	39235	DNA	SPLEEN	23.5			POSITIVE	NT
154	CASE 141	39235	TISSUE	KIDNEY	25.92			POSITIVE	NT
155	CASE 141	39235	HOMOGENATE	KIDNEY	30.67			POSITIVE	NT
156	CASE 141	39235	DNA	KIDNEY	23.2			POSITIVE	NT
157	CASE 142	39236	TISSUE	SPLEEN	24.23			POSITIVE	NEGATIVE
158	CASE 142	39236	HOMOGENATE	SPLEEN	22.08			POSITIVE	NT
159	CASE 142	39236	DNA	SPLEEN	20.6			POSITIVE	NT
160	CASE 142	39236	TISSUE	KIDNEY	31.25			POSITIVE	NT
161	CASE 142	39236	HOMOGENATE	KIDNEY	28.37			POSITIVE	NT
162	CASE 142	39236	DNA	KIDNEY	23.94			POSITIVE	NT
163	CASE 143	39272	TISSUE	SPLEEN	24.02			POSITIVE	NEGATIVE
164	CASE 143	39272	HOMOGENATE	SPLEEN	30.26			POSITIVE	NT
165	CASE 143	39272	DNA	SPLEEN	23.1			POSITIVE	NT
166	CASE 143	39272	TISSUE	LYMPH NODE	27.73			POSITIVE	NT
167	CASE 143	39272	HOMOGENATE	LYMPH NODE	27.54			POSITIVE	NT
168	CASE 143	39272	DNA	LYMPH NODE	22.84			POSITIVE	NT
169	CASE 144	39109-9	BLOOD	SERUM	No Ct			NEGATIVE	NT
170	CASE 145	40185	TISSUE	SPLEEN	24.89			POSITIVE	NEGATIVE
171	CASE 145	40185	HOMOGENATE	SPLEEN	22.13			POSITIVE	NT
172	CASE 145	40185	DNA	SPLEEN	20.37			POSITIVE	NT
173	CASE 145	40185	TISSUE	KIDNEY	28.32			POSITIVE	NT
174	CASE 145	40185	HOMOGENATE	KIDNEY	29.03			POSITIVE	NT
175	CASE 145	40185	DNA	KIDNEY	27.39			POSITIVE	NT
176	CASE 146	40240-6	BLOOD	SERUM	28.62			POSITIVE	POSITIVE



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

177	CASE 146	40240-6	DNA	BLOOD	26.95			POSITIVE	NT
178	CASE 147	40678	TISSUE	BONE MARROW	32.42			POSITIVE	NT
179	CASE 147	40678	HOMOGENATE	BONE MARROW	34.7			POSITIVE	NT
180	CASE 147	40678	DNA	BONE MARROW	26.76			POSITIVE	NT
181	CASE 147	40678	DNA 1.10	BONE MARROW	26.77			POSITIVE	NT
182	CASE 147	40678	HOMOGENATE	LYMPH NODE	23.81			POSITIVE	NEGATIVE
183	CASE 147	40678	DNA	LYMPH NODE	20.59			POSITIVE	NT
184	CASE 148	40741-5	BLOOD	BLOOD EDTA	23.17			POSITIVE	NEGATIVE
185	CASE 148	40741-5	DNA	BLOOD	21.64			POSITIVE	NT
186	CASE 149	41312	TISSUE	SPLEEN	22.66			POSITIVE	NEGATIVE
187	CASE 149	41312	HOMOGENATE	SPLEEN	22.08			POSITIVE	NT
188	CASE 149	41312	DNA	SPLEEN	21.63			POSITIVE	NT
189	CASE 149	41312	TISSUE	KIDNEY	26.47			POSITIVE	NT
190	CASE 149	41312	HOMOGENATE	KIDNEY	25.7			POSITIVE	NT
191	CASE 149	41312	DNA	KIDNEY	25.91			POSITIVE	NT
192	CASE 150	41313	TISSUE	BONE MARROW	33.78			POSITIVE	NT
193	CASE 150	41313	HOMOGENATE	BONE MARROW	30.27			POSITIVE	NT
194	CASE 150	41313	DNA	BONE MARROW	20.85			POSITIVE	NT
195	CASE 150	41313	DNA 1.10	BONE MARROW	24.05			POSITIVE	NT
196	CASE 150	41313	TISSUE	LYMPH NODE	30.5			POSITIVE	NT
197	CASE 150	41313	HOMOGENATE	LYMPH NODE	26.67			POSITIVE	NEGATIVE
198	CASE 150	41313	DNA	LYMPH NODE	20.4			POSITIVE	NT
199	CASE 151	41314	BLOOD	SERUM	28.47			POSITIVE	NT
200	CASE 151	41314	TISSUE	LYMPH NODE	22.49			POSITIVE	NEGATIVE
201	CASE 151	41314	HOMOGENATE	LYMPH NODE	23.41			POSITIVE	NT
202	CASE 151	41314	DNA	LYMPH NODE	21.96			POSITIVE	NT
203	CASE 151	41314	TISSUE	KIDNEY	25.37			POSITIVE	NT
204	CASE 151	41314	HOMOGENATE	KIDNEY	27.39			POSITIVE	NT
205	CASE 151	41314	DNA	KIDNEY	24.78			POSITIVE	NT
206	CASE 152	42752-2	BLOOD	SERUM	25.26			POSITIVE	NEGATIVE
207	CASE 152	42752-2	DNA	BLOOD	18.65			POSITIVE	NT
208	CASE 153	43135	TISSUE	SPLEEN	28.31			POSITIVE	NT
209	CASE 153	43135	HOMOGENATE	SPLEEN	19.22			POSITIVE	NEGATIVE
210	CASE 153	43135	DNA	SPLEEN	20.75			POSITIVE	NT
211	CASE 153	43135	TISSUE	LYMPH NODE	23.46			POSITIVE	NT
212	CASE 153	43135	HOMOGENATE	LYMPH NODE	24.1			POSITIVE	NT
213	CASE 153	43135	DNA	LYMPH NODE	23.01			POSITIVE	NT
214	CASE 153	43135	TISSUE	KIDNEY	26.44			POSITIVE	NT
215	CASE 153	43135	HOMOGENATE	KIDNEY	25.08			POSITIVE	NT
216	CASE 153	43135	DNA	KIDNEY	25.1			POSITIVE	NT
217	CASE 154	43134	TISSUE	SPLEEN	28.21			POSITIVE	NEGATIVE
218	CASE 154	43134	HOMOGENATE	SPLEEN	26.15			POSITIVE	NT
219	CASE 154	43134	DNA	SPLEEN	23.25			POSITIVE	NT
220	CASE 154	43134	TISSUE	KIDNEY	29.76			POSITIVE	NT
221	CASE 154	43134	HOMOGENATE	KIDNEY	26.83			POSITIVE	NT
222	CASE 154	43134	DNA	KIDNEY	27.06			POSITIVE	NT
223	CASE 155	43278-2	BLOOD	SERUM	No Ct			NEGATIVE	NT
224	CASE 156	43287	TISSUE	BONE MARROW	35.67	32.61	33.02	POSITIVE	NT
225	CASE 156	43287	HOMOGENATE	BONE MARROW	25.4 <sup>(1)</sup>			POSITIVE	NT
226	CASE 156	43287	DNA	BONE MARROW	26.83			POSITIVE	NT
227	CASE 156	43287	DNA 1:10	BONE MARROW	21.6			POSITIVE	NT
228	CASE 156	43287	TISSUE	SPLEEN	24.95			POSITIVE	NEGATIVE
229	CASE 156	43287	HOMOGENATE	SPLEEN	22.64			POSITIVE	NT
230	CASE 156	43287	DNA	SPLEEN	21.33			POSITIVE	NT
231	CASE 156	43287	TISSUE	KIDNEY	29.12			POSITIVE	NT
232	CASE 156	43287	HOMOGENATE	KIDNEY	27.4			POSITIVE	NT

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

233	CASE 156	43287	DNA	KIDNEY	23.64			POSITIVE	NT
234	CASE 157	43594-19	BLOOD	SERUM	No Ct			NEGATIVE	NT
235	CASE 158	43585-77	BLOOD	SERUM	28.41			POSITIVE	NEGATIVE
236	CASE 159	43884	TISSUE	SPLEEN	25.48			POSITIVE	POSITIVE
237	CASE 159	43884	HOMOGENATE	SPLEEN	23.65			POSITIVE	NT
238	CASE 159	43884	DNA	SPLEEN	19.8			POSITIVE	NT
239	CASE 159	43884	TISSUE	LYMPH NODE	20.12			POSITIVE	NT
240	CASE 159	43884	HOMOGENATE	LYMPH NODE	24.42			POSITIVE	NT
241	CASE 159	43884	DNA	LYMPH NODE	21.71			POSITIVE	NT
242	CASE 159	43884	TISSUE	KIDNEY	24.88			POSITIVE	NT
243	CASE 159	43884	HOMOGENATE	KIDNEY	20.42			POSITIVE	NT
244	CASE 159	43884	DNA	KIDNEY	24.54			POSITIVE	NT
245	CASE 160	43987	TISSUE	SPLEEN	22.73			POSITIVE	NEGATIVE
246	CASE 160	43987	HOMOGENATE	SPLEEN	21.77			POSITIVE	NT
247	CASE 160	43987	DNA	SPLEEN	21			POSITIVE	NT
248	CASE 160	43987	TISSUE	LYMPH NODE	26.74			POSITIVE	NT
249	CASE 160	43987	HOMOGENATE	LYMPH NODE	25.37			POSITIVE	NT
250	CASE 160	43987	DNA	LYMPH NODE	22.4			POSITIVE	NT
251	CASE 160	43987	TISSUE	KIDNEY	28.82			POSITIVE	NT
252	CASE 160	43987	HOMOGENATE	KIDNEY	26.69			POSITIVE	NT
253	CASE 160	43987	DNA	KIDNEY	25.01			POSITIVE	NT
254	CASE 160	43988	BLOOD	SERUM	33.92 <sup>(1)</sup>			POSITIVE	NT
255	CASE 160	43988	TISSUE	BONE MARROW	29.86			POSITIVE	NT
256	CASE 160	43988	HOMOGENATE	BONE MARROW	33.75			POSITIVE	NT
257	CASE 160	43988	DNA	BONE MARROW	26.88			POSITIVE	NT
258	CASE 160	43988	DNA 1:10	BONE MARROW	30.38			POSITIVE	NT
259	CASE 160	43988	TISSUE	LYMPH NODE	36.98	35.28	35.66	WEAK	NT
260	CASE 160	43988	HOMOGENATE	LYMPH NODE	31.8			POSITIVE	NT
261	CASE 160	43988	DNA	LYMPH NODE	27.3			POSITIVE	NT
262	CASE 161	44124	TISSUE	BONE MARROW	33.78			POSITIVE	NT
263	CASE 161	44124	HOMOGENATE	BONE MARROW	36.85	33.7	34.76	POSITIVE	NT
264	CASE 161	44124	DNA	BONE MARROW	26.5			POSITIVE	NT
265	CASE 161	44124	DNA 1:10	BONE MARROW	28			POSITIVE	NT
266	CASE 162	44369-1	TISSUE	BONE MARROW	35.65	34.11	33.71	POSITIVE	NT
267	CASE 162	44369-1	HOMOGENATE	BONE MARROW	39.94	37.38	37.46	WEAK	NT
268	CASE 162	44369-1	DNA	BONE MARROW	29.78			POSITIVE	NT
269	CASE 162	44369-2	TISSUE	BONE MARROW	26.82			POSITIVE	NEGATIVE
270	CASE 162	44369-2	HOMOGENATE	BONE MARROW	24.6			POSITIVE	NT
271	CASE 162	44369-2	DNA	BONE MARROW	21.38			POSITIVE	NT
272	CASE 163	44368-2	BLOOD	SERUM	26.09			POSITIVE	NEGATIVE

NT → Samples not tested. 1 → Result in 1/10 dilution.

(a) **UPL-real time PCR** → Real time PCR test described by Fernández-Pinero et al., 2013 based on the Universal Probe Library (UPL). [PNT/CISA/PPA/PCR/3]

(b) **VI-HAD** → Virus isolation and haemadsorption test on PBM cells as is described in the OIE Manual of diagnosis for ASF (Chapter 2.8.1. OIE seventh edition 2012).

**1.1. DOMESTIC PIG SAMPLES** → **Positive ASFV result** has been obtained by the **UPL real-time PCR** in the **222** domestic pig samples tested, **confirming the presence of ASFV in 61 out of 62 domestic pigs received (98.4%)**. The weak positive results (Ct>35) obtained in samples identified as 356 and 394 (ID CISA) were confirmed in a second PCR amplification run in which the extracted DNA per each sample was analysed by duplicate. **ASF virus isolation and haemadsorption (HAD) assay** is on-going. After 3 passages in cell culture **the ASF virus was isolated, showing the haemadsorbing pattern**, in **17 out of 56 domestic pig** tested. The results obtained in virus detection are summarized in the **table 3**.





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

Table 3→ ASF VIRUS DETECTION RESULTS IN DOMESTIC PIG SAMPLES									
Sample ID CISA	Sample laboratory code in Poland's NRL		TYPE SAMPLE RECEIVED		UPL-real time PCR <sup>(a)</sup>				VI-HAD <sup>(b)*</sup> (3 passages)
					CT value	2 <sup>nd</sup> PCR CT values	3 <sup>rd</sup> PCR CT values	Result	
273	OUTBREAK 5	19238	HOMOGENATE	KIDNEY	24.36			POSITIVE	NEGATIVE
274	OUTBREAK 5	19238	DNA	KIDNEY	23.87			POSITIVE	NT
275	OUTBREAK 5	19258	HOMOGENATE	SPLEEN	19.8			POSITIVE	NEGATIVE
276	OUTBREAK 5	19258	DNA	SPLEEN	19.37			POSITIVE	NT
277	OUTBREAK 5	19259	HOMOGENATE	KIDNEY	28.59			POSITIVE	NEGATIVE
278	OUTBREAK 5	19259	DNA	KIDNEY	26.35			POSITIVE	NT
279	OUTBREAK 5	19260	HOMOGENATE	SPLEEN	26.78			POSITIVE	NEGATIVE
280	OUTBREAK 5	19260	DNA	SPLEEN	23.8			POSITIVE	NT
281	OUTBREAK 6	19735	TISSUE	SPLEEN	25.41			POSITIVE	NEGATIVE
282	OUTBREAK 6	19735	HOMOGENATE	SPLEEN	24.41			POSITIVE	NT
283	OUTBREAK 6	19735	DNA	SPLEEN	25.39			POSITIVE	NT
284	OUTBREAK 6	19735	TISSUE	LYMPH NODE	22.69			POSITIVE	NT
285	OUTBREAK 6	19735	HOMOGENATE	LYMPH NODE	22.38			POSITIVE	NT
286	OUTBREAK 6	19735	DNA	LYMPH NODE	22.17			POSITIVE	NT
287	OUTBREAK 6	19735	TISSUE	KIDNEY	24.36			POSITIVE	NT
288	OUTBREAK 6	19735	HOMOGENATE	KIDNEY	24.57			POSITIVE	NT
289	OUTBREAK 6	19735	DNA	KIDNEY	24.79			POSITIVE	NT
290	OUTBREAK 6	19821-1	BLOOD	SERUM	17.55			POSITIVE	NEGATIVE
291	OUTBREAK 6	19821-2	BLOOD	SERUM	28.71			POSITIVE	NEGATIVE
292	OUTBREAK 6	19821-2	DNA	BLOOD	19.4			POSITIVE	NT
293	OUTBREAK 7	19967	TISSUE	SPLEEN	16.86			POSITIVE	NEGATIVE
294	OUTBREAK 7	19967	HOMOGENATE	SPLEEN	19.04			POSITIVE	NT
295	OUTBREAK 7	19967	DNA	SPLEEN	17.37			POSITIVE	NT
296	OUTBREAK 7	19967	TISSUE	KIDNEY	21.29			POSITIVE	NT
297	OUTBREAK 7	19967	HOMOGENATE	KIDNEY	20.88			POSITIVE	NT
298	OUTBREAK 7	19967	DNA	KIDNEY	21.5			POSITIVE	NT
299	OUTBREAK 7	19968	TISSUE	SPLEEN	15.99			POSITIVE	POSITIVE
300	OUTBREAK 7	19968	HOMOGENATE	SPLEEN	20.1			POSITIVE	NT
301	OUTBREAK 7	19968	DNA	SPLEEN	19.06			POSITIVE	NT
302	OUTBREAK 7	19968	TISSUE	KIDNEY	22.75			POSITIVE	NT
303	OUTBREAK 7	19968	HOMOGENATE	KIDNEY	23.17			POSITIVE	NT
304	OUTBREAK 7	19968	DNA	KIDNEY	23.23			POSITIVE	NT
305	OUTBREAK 7	19969	TISSUE	SPLEEN	18.92			POSITIVE	POSITIVE
306	OUTBREAK 7	19969	HOMOGENATE	SPLEEN	20.53			POSITIVE	NT
307	OUTBREAK 7	19969	DNA	SPLEEN	19.15			POSITIVE	NT
308	OUTBREAK 7	19969	TISSUE	KIDNEY	23.75			POSITIVE	NT
309	OUTBREAK 7	19969	HOMOGENATE	KIDNEY	22.61			POSITIVE	NT
310	OUTBREAK 7	19969	DNA	KIDNEY	22.39			POSITIVE	NT
311	OUTBREAK 7	19970-4	BLOOD	BLOOD EDTA	24.73 <sup>(1)</sup>			POSITIVE	NT
312	OUTBREAK 7	19970-4	DNA	BLOOD	25.33			POSITIVE	NT
313	OUTBREAK 7	20186	TISSUE	SPLEEN	17.67			POSITIVE	NEGATIVE
314	OUTBREAK 7	20186	HOMOGENATE	SPLEEN	22.64			POSITIVE	NT
315	OUTBREAK 7	20186	DNA	SPLEEN	22.79			POSITIVE	NT
316	OUTBREAK 7	20186	TISSUE	KIDNEY	22.06			POSITIVE	NT
317	OUTBREAK 7	20186	HOMOGENATE	KIDNEY	22.21			POSITIVE	NT
318	OUTBREAK 7	20186	DNA	KIDNEY	22.68			POSITIVE	NT
319	OUTBREAK 7	20187	TISSUE	SPLEEN	18.52			POSITIVE	POSITIVE
320	OUTBREAK 7	20187	HOMOGENATE	SPLEEN	18.61			POSITIVE	NT
321	OUTBREAK 7	20187	DNA	SPLEEN	18.91			POSITIVE	NT
322	OUTBREAK 7	20187	TISSUE	KIDNEY	25.6			POSITIVE	NT



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

323	OUTBREAK 7	20187	HOMOGENATE	KIDNEY	22.87			POSITIVE	NT
324	OUTBREAK 7	20187	DNA	KIDNEY	23.21			POSITIVE	NT
325	OUTBREAK 7	20188-4	BLOOD	SERUM	24.83 <sup>(1)</sup>			POSITIVE	POSITIVE
326	OUTBREAK 7	20188-4	DNA	BLOOD	20.04			POSITIVE	NT
327	OUTBREAK 8	20208-2	BLOOD	SERUM	34.12 <sup>(1)</sup>			POSITIVE	POSITIVE
328	OUTBREAK 8	20208-2	DNA	BLOOD	31.46			POSITIVE	NT
329	OUTBREAK 8	20208-3	BLOOD	SERUM	24.46 <sup>(1)</sup>			POSITIVE	POSITIVE
330	OUTBREAK 8	20208-3	DNA	BLOOD	25.81			POSITIVE	NT
331	OUTBREAK 8	20543	TISSUE	SPLEEN	25.78			POSITIVE	NEGATIVE
332	OUTBREAK 8	20543	HOMOGENATE	SPLEEN	26.87			POSITIVE	NT
333	OUTBREAK 8	20543	DNA	SPLEEN	25.82			POSITIVE	NT
334	OUTBREAK 8	20543	TISSUE	KIDNEY	28.99			POSITIVE	NT
335	OUTBREAK 8	20543	HOMOGENATE	KIDNEY	27.07			POSITIVE	NT
336	OUTBREAK 8	20543	DNA	KIDNEY	28.73			POSITIVE	NT
337	OUTBREAK 8	20543	TISSUE	LUNG	28.88			POSITIVE	NT
338	OUTBREAK 8	20543	HOMOGENATE	LUNG	26.76			POSITIVE	NT
339	OUTBREAK 8	20543	DNA	LUNG	28.34			POSITIVE	NT
340	OUTBREAK 9	19928-3	BLOOD	SERUM	26.34 <sup>(1)</sup>			POSITIVE	NEGATIVE
341	OUTBREAK 9	19928-3	DNA	BLOOD	24.82			POSITIVE	NT
342	OUTBREAK 9	20533-1	BLOOD	SERUM	NT			NT	NT
343	OUTBREAK 9	20533-3	BLOOD	SERUM	23.94			POSITIVE	POSITIVE
344	OUTBREAK 9	20533-3	DNA	BLOOD	26.15			POSITIVE	NT
345	OUTBREAK 9	20533-10	BLOOD	SERUM	25.46 <sup>(1)</sup>			POSITIVE	POSITIVE
346	OUTBREAK 9	20533-10	DNA	BLOOD	30.34			POSITIVE	NT
347	OUTBREAK 9	20535	TISSUE	LYMPH NODE	20.91			POSITIVE	NEGATIVE
348	OUTBREAK 9	20535	HOMOGENATE	LYMPH NODE	19.34			POSITIVE	NT
349	OUTBREAK 9	20535	DNA	LYMPH NODE	18.96			POSITIVE	NT
350	OUTBREAK 9	20535	TISSUE	KIDNEY	20.91			POSITIVE	NT
351	OUTBREAK 9	20535	HOMOGENATE	KIDNEY	18.52			POSITIVE	NT
352	OUTBREAK 9	20535	DNA	KIDNEY	20.3			POSITIVE	NT
353	OUTBREAK 9	20536	TISSUE	SPLEEN	26.43			POSITIVE	NEGATIVE
354	OUTBREAK 9	20536	HOMOGENATE	SPLEEN	21.13			POSITIVE	NT
355	OUTBREAK 9	20536	DNA	SPLEEN	22.27			POSITIVE	NT
356	OUTBREAK 9	20536	TISSUE	LYMPH NODE	35.55	31.63	31.77	POSITIVE	NT
357	OUTBREAK 9	20536	HOMOGENATE	LYMPH NODE	28.35			POSITIVE	NT
358	OUTBREAK 9	20536	DNA	LYMPH NODE	29.04			POSITIVE	NT
359	OUTBREAK 9	20538	TISSUE	SPLEEN	18.89			POSITIVE	NEGATIVE
360	OUTBREAK 9	20538	HOMOGENATE	SPLEEN	17.57			POSITIVE	NT
361	OUTBREAK 9	20538	DNA	SPLEEN	20.33			POSITIVE	NT
362	OUTBREAK 9	20538	TISSUE	KIDNEY	22.8			POSITIVE	NT
363	OUTBREAK 9	20538	HOMOGENATE	KIDNEY	21.82			POSITIVE	NT
364	OUTBREAK 9	20538	DNA	KIDNEY	23.36			POSITIVE	NT
365	OUTBREAK 10	20539	TISSUE	SPLEEN	21.27			POSITIVE	NEGATIVE
366	OUTBREAK 10	20539	HOMOGENATE	SPLEEN	23.1			POSITIVE	NT
367	OUTBREAK 10	20539	DNA	SPLEEN	20.31			POSITIVE	NT
368	OUTBREAK 10	20539	TISSUE	LYMPH NODE	28.78			POSITIVE	NT
369	OUTBREAK 10	20539	HOMOGENATE	LYMPH NODE	25.09			POSITIVE	NT
370	OUTBREAK 10	20539	DNA	LYMPH NODE	24.49			POSITIVE	NT
371	OUTBREAK 10	20540	TISSUE	SPLEEN	22.15			POSITIVE	NEGATIVE
372	OUTBREAK 10	20540	HOMOGENATE	SPLEEN	20.23			POSITIVE	NT
373	OUTBREAK 10	20540	DNA	SPLEEN	17.87			POSITIVE	NT
374	OUTBREAK 10	20540	TISSUE	LYMPH NODE	26.66			POSITIVE	NT
375	OUTBREAK 10	20540	HOMOGENATE	LYMPH NODE	23.59			POSITIVE	NT
376	OUTBREAK 10	20540	DNA	LYMPH NODE	21.89			POSITIVE	NT
377	OUTBREAK 10	20541	TISSUE	SPLEEN	23.1			POSITIVE	NEGATIVE
378	OUTBREAK 10	20541	HOMOGENATE	SPLEEN	22.22			POSITIVE	NT



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

379	OUTBREAK 10	20541	DNA	SPLEEN	22.49			POSITIVE	NT
380	OUTBREAK 10	20541	TISSUE	LYMPH NODE	33.17			POSITIVE	NT
381	OUTBREAK 10	20541	HOMOGENATE	LYMPH NODE	25.2			POSITIVE	NT
382	OUTBREAK 10	20541	DNA	LYMPH NODE	23.65			POSITIVE	NT
383	OUTBREAK 10	20541	TISSUE	KIDNEY	31.38			POSITIVE	NT
384	OUTBREAK 10	20541	HOMOGENATE	KIDNEY	25.41			POSITIVE	NT
385	OUTBREAK 10	20541	DNA	KIDNEY	24.09			POSITIVE	NT
386	OUTBREAK 10	20801-7	BLOOD	SERUM	28.43 <sup>(1)</sup>			POSITIVE	NEGATIVE
387	OUTBREAK 10	20801-7	DNA	BLOOD	23.98			POSITIVE	NT
388	OUTBREAK 10	20801-20	BLOOD	SERUM	19.58			POSITIVE	NEGATIVE
389	OUTBREAK 10	20801-20	DNA	BLOOD	26.09			POSITIVE	NT
390	OUTBREAK 10	20801-23	BLOOD	SERUM	23.51			POSITIVE	NEGATIVE
391	OUTBREAK 10	20801-23	DNA	BLOOD	24.15			POSITIVE	NT
392	OUTBREAK 10	20802	BLOOD	SERUM	34.83			POSITIVE	NEGATIVE
393	OUTBREAK 10	20802	DNA	BLOOD	31.96			POSITIVE	NT
394	OUTBREAK 10	20803	TISSUE	SPLEEN	39.27	37.85	38.5	WEAK	NT
395	OUTBREAK 10	20803	HOMOGENATE	SPLEEN	33.75			POSITIVE	NT
396	OUTBREAK 10	20803	DNA	SPLEEN	34.25			POSITIVE	NT
397	OUTBREAK 10	20804	TISSUE	SPLEEN	25.79			POSITIVE	NEGATIVE
398	OUTBREAK 10	20804	HOMOGENATE	SPLEEN	21.64			POSITIVE	NT
399	OUTBREAK 10	20804	DNA	SPLEEN	21.73			POSITIVE	NT
400	OUTBREAK 10	20804	TISSUE	LYMPH NODE	31.67			POSITIVE	NT
401	OUTBREAK 10	20804	HOMOGENATE	LYMPH NODE	33.78			POSITIVE	NT
402	OUTBREAK 10	20804	DNA	LYMPH NODE	26.99			POSITIVE	NT
403	OUTBREAK 10	20805	TISSUE	SPLEEN	20.48			POSITIVE	NEGATIVE
404	OUTBREAK 10	20805	HOMOGENATE	SPLEEN	20.32			POSITIVE	NT
405	OUTBREAK 10	20805	DNA	SPLEEN	21.72			POSITIVE	NT
406	OUTBREAK 10	20805	TISSUE	KIDNEY	25.81			POSITIVE	NT
407	OUTBREAK 10	20805	HOMOGENATE	KIDNEY	22.74			POSITIVE	NT
408	OUTBREAK 10	20805	DNA	KIDNEY	23.63			POSITIVE	NT
409	OUTBREAK 10	20806	TISSUE	SPLEEN	27.04			POSITIVE	NT
410	OUTBREAK 10	20806	HOMOGENATE	SPLEEN	23.43			POSITIVE	NEGATIVE
411	OUTBREAK 10	20806	DNA	SPLEEN	24.75			POSITIVE	NT
412	OUTBREAK 10	20806	TISSUE	LYMPH NODE	24.41			POSITIVE	NT
413	OUTBREAK 10	20806	HOMOGENATE	LYMPH NODE	26.73			POSITIVE	NT
414	OUTBREAK 10	20806	DNA	LYMPH NODE	28.61			POSITIVE	NT
415	OUTBREAK 11	20633	BLOOD	BLOOD EDTA	20.72			POSITIVE	POSITIVE
416	OUTBREAK 11	20633	DNA	BLOOD	23.27			POSITIVE	NT
417	OUTBREAK 11	20634	BLOOD	BLOOD EDTA	20.34			POSITIVE	POSITIVE
418	OUTBREAK 11	20634	DNA	BLOOD	23.9			POSITIVE	NT
419	OUTBREAK 12	20778	TISSUE	SPLEEN	19.13			POSITIVE	POSITIVE
420	OUTBREAK 12	20778	HOMOGENATE	SPLEEN	17.74			POSITIVE	NT
421	OUTBREAK 12	20778	DNA	SPLEEN	18.01			POSITIVE	NT
422	OUTBREAK 12	20778	TISSUE	LYMPH NODE	20.21			POSITIVE	NT
423	OUTBREAK 12	20778	HOMOGENATE	LYMPH NODE	21.76			POSITIVE	NT
424	OUTBREAK 12	20778	DNA	LYMPH NODE	21.7			POSITIVE	NT
425	OUTBREAK 12	20778	TISSUE	KIDNEY	23.92			POSITIVE	NT
426	OUTBREAK 12	20778	HOMOGENATE	KIDNEY	20.1			POSITIVE	NT
427	OUTBREAK 12	20778	DNA	KIDNEY	19.75			POSITIVE	NT
428	OUTBREAK 12	21010-5	BLOOD	SERUM	26.2			POSITIVE	POSITIVE
429	OUTBREAK 12	21010-5	DNA	BLOOD	25.99			POSITIVE	NT
430	OUTBREAK 12	21010-7	BLOOD	SERUM	28.5			POSITIVE	NEGATIVE
431	OUTBREAK 12	21010-7	DNA	BLOOD	27.52			POSITIVE	NT
432	OUTBREAK 12	21010-10	BLOOD	SERUM	27.68			POSITIVE	POSITIVE
433	OUTBREAK 12	21010-10	DNA	BLOOD	27.43			POSITIVE	NT
434	OUTBREAK 13	21120-1	BLOOD	BLOOD EDTA	22.58			POSITIVE	POSITIVE



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

435	OUTBREAK 13	21120-1	DNA	BLOOD	23.28			POSITIVE	NT
436	OUTBREAK 13	21120-5	BLOOD	CLOTTED	22.98			POSITIVE	NEGATIVE
437	OUTBREAK 13	21120-5	DNA	CLOTTED	22.48			POSITIVE	NT
438	OUTBREAK 13	21120-6	BLOOD	CLOTTED	20.85			POSITIVE	NEGATIVE
439	OUTBREAK 13	21120-6	DNA	CLOTTED	22.67			POSITIVE	NT
440	OUTBREAK 14	21508	BLOOD	BLOOD EDTA	29.65			POSITIVE	NEGATIVE
441	OUTBREAK 14	21508	DNA	BLOOD	28.98			POSITIVE	NT
442	OUTBREAK 15	22042	TISSUE	SPLEEN	17.55			POSITIVE	NEGATIVE
443	OUTBREAK 15	22042	HOMOGENATE	SPLEEN	18.84			POSITIVE	NT
444	OUTBREAK 15	22042	DNA	SPLEEN	18.15			POSITIVE	NT
445	OUTBREAK 15	22042	TISSUE	LYMPH NODE	20.32			POSITIVE	NT
446	OUTBREAK 15	22042	HOMOGENATE	LYMPH NODE	21.96			POSITIVE	NT
447	OUTBREAK 15	22042	DNA	LYMPH NODE	21.36			POSITIVE	NT
448	OUTBREAK 15	22042	TISSUE	TONSIL	20.7			POSITIVE	NT
449	OUTBREAK 15	22042	HOMOGENATE	TONSIL	21.19			POSITIVE	NT
450	OUTBREAK 15	22042	DNA	TONSIL	21.43			POSITIVE	NT
451	OUTBREAK 16	22047	BLOOD	SERUM	29.52			POSITIVE	NEGATIVE
452	OUTBREAK 16	22047	DNA	BLOOD	24.37			POSITIVE	NT
453	OUTBREAK 16	22049	BLOOD	SERUM	26.63			POSITIVE	NEGATIVE
454	OUTBREAK 17	22363	TISSUE	SPLEEN	20.66			POSITIVE	POSITIVE
455	OUTBREAK 17	22363	HOMOGENATE	SPLEEN	21.74			POSITIVE	NT
456	OUTBREAK 17	22363	DNA	SPLEEN	20.79			POSITIVE	NT
457	OUTBREAK 17	22363	TISSUE	KIDNEY	23.44			POSITIVE	NT
458	OUTBREAK 17	22363	HOMOGENATE	KIDNEY	24.72			POSITIVE	NT
459	OUTBREAK 17	22363	DNA	KIDNEY	22.29			POSITIVE	NT
460	OUTBREAK 18	22922-4	BLOOD	SERUM	17.78			POSITIVE	NEGATIVE
461	OUTBREAK 18	22922-4	DNA	BLOOD	18.08			POSITIVE	NT
462	OUTBREAK 18	22923	TISSUE	SPLEEN	24.46			POSITIVE	NEGATIVE
463	OUTBREAK 18	22923	HOMOGENATE	SPLEEN	21.52			POSITIVE	NT
464	OUTBREAK 18	22923	DNA	SPLEEN	20.26			POSITIVE	NT
465	OUTBREAK 18	22923	TISSUE	KIDNEY	22.24			POSITIVE	NT
466	OUTBREAK 18	22923	HOMOGENATE	KIDNEY	31.57			POSITIVE	NT
467	OUTBREAK 18	22923	DNA	KIDNEY	29.96			POSITIVE	NT
468	OUTBREAK 18	23547-1	HOMOGENATE	BONE MARROW	34.87			POSITIVE	NT
469	OUTBREAK 18	23547-1	DNA	BONE MARROW	33.21			POSITIVE	NT
470	OUTBREAK 18	23547-4	HOMOGENATE	BONE MARROW	33.06			POSITIVE	NT
471	OUTBREAK 18	23547-4	DNA	BONE MARROW	34.57			POSITIVE	NT
472	OUTBREAK 19	24543-7	BLOOD	SERUM	21.73			POSITIVE	NEGATIVE
473	OUTBREAK 19	24543-8	BLOOD	SERUM	28.95			POSITIVE	NEGATIVE
474	OUTBREAK 19	24543-8	DNA	BLOOD	28.58			POSITIVE	NT
475	OUTBREAK 20	26002	TISSUE	SPLEEN	23.29			POSITIVE	POSITIVE
476	OUTBREAK 20	26002	HOMOGENATE	SPLEEN	19.91			POSITIVE	NT
477	OUTBREAK 20	26002	DNA	SPLEEN	18.96			POSITIVE	NT
478	OUTBREAK 21	28636-4	BLOOD	SERUM	23.87			POSITIVE	POSITIVE
479	OUTBREAK 21	28636-4	DNA	BLOOD	22.1			POSITIVE	NT
480	OUTBREAK 21	28636-5	BLOOD	SERUM	26.52			POSITIVE	NEGATIVE
481	OUTBREAK 21	28636-5	DNA	BLOOD	23.44			POSITIVE	NT
482	OUTBREAK 21	28636-9	BLOOD	SERUM	24.98			POSITIVE	NT
483	OUTBREAK 21	28636-9	DNA	BLOOD	21.18			POSITIVE	NT
484	OUTBREAK 22	28707	TISSUE	SPLEEN	23.16			POSITIVE	NEGATIVE
485	OUTBREAK 22	28707	HOMOGENATE	SPLEEN	19.03			POSITIVE	NT
486	OUTBREAK 22	28707	DNA	SPLEEN	17.69			POSITIVE	NT
487	OUTBREAK 23	29413	TISSUE	SPLEEN	19.96			POSITIVE	NEGATIVE
488	OUTBREAK 23	29413	HOMOGENATE	SPLEEN	20.68			POSITIVE	NT
489	OUTBREAK 23	29413	DNA	SPLEEN	18.19			POSITIVE	NT
490	OUTBREAK 23	29415	TISSUE	SPLEEN	21.05			POSITIVE	NEGATIVE



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

491	OUTBREAK 23	29415	HOMOGENATE	SPLEEN	26.87			POSITIVE	NT
492	OUTBREAK 23	29415	DNA	SPLEEN	23.75			POSITIVE	NT
493	OUTBREAK 23	29415	TISSUE	KIDNEY	26.67			POSITIVE	NT
494	OUTBREAK 23	29415	HOMOGENATE	KIDNEY	28.81			POSITIVE	NT
495	OUTBREAK 23	29415	DNA	KIDNEY	25.59			POSITIVE	NT

NT → Samples not tested.

(1) → Result obtained in the diluted sample (1/10 dilution)

a) UPL-real time PCR → Real time PCR test described by Fernández-Pinero et al., 2013 based on the Universal Probe Library (UPL). [PNT/CISA/PPA/PCR/3]

b) VI-HAD → Virus isolation and haemadsorption test on PBM cells as is described in the OIE Manual of diagnosis for ASF (Chapter 2.8.1. OIE seventh edition 2012).

## 2. ASF ANTIBODY DETECTION:

2.1. WILD BOAR SAMPLES → By IPT\*, the presence of antibodies was detected in **51 out of the 61 (83.6%)** wild boar tested (wild boar identified as 22365 and 39235 were not tested). A positive result was obtained in 48 out of the 70 tissue's exudates/homogenates, 8 out of 8 bloods and in 21 out of 22 sera analyzed. By the OIE-indirect ELISA test, 11 out of the 21 sera analyzed gave a positive result, all of them confirmed by IPT and only 8 confirmed as positives by the IB test (tables 4 and 5).

Sample ID CISA	Sample laboratory code				URL-IPT <sup>(a)</sup>		CONCLUSION*
	ID tube	Sample Type		Titer	Result		
1	21008/16	CASE 107	BLOOD	SERUM	1/5120	POS	POSITIVE
2	21008/16	CASE 107	TISSUE	SPLEEN	1/640	POS	POSITIVE
5	21008/16	CASE 107	TISSUE	KIDNEY	1/160	POS	POSITIVE
8	21169-11/16	CASE 108	BLOOD	SERUM	1/40960	POS	POSITIVE
13	22189-3/16	CASE 110	BLOOD	SERUM	1/40960	POS	POSITIVE
14	23416-6/16	CASE 111	BLOOD	SERUM	1/20480	POS	POSITIVE
15	28460/16	CASE 112	BLOOD	SERUM	1/40960	POS	POSITIVE
16	28460/16	CASE 112	TISSUE	SPLEEN	1/2560	POS	POSITIVE
19	29168/16	CASE 113	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
22	30424/16	CASE 114	TISSUE	SPLEEN	1/2560	POS	POSITIVE
25	30424/16	CASE 114	TISSUE	KIDNEY	1/1280	POS	POSITIVE
28	32669/16	CASE 115	BLOOD	SERUM	NEG	NEG	NEGATIVE
30	33290/16	CASE 116	BLOOD	BLOOD EDTA	1/10240	POS	POSITIVE
32	33119-4/16	CASE 117	BLOOD	SERUM	1/40960	POS	POSITIVE
33	33533/16	CASE 118	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
36	33533/16	CASE 118	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
39	33533/16	CASE 118	TISSUE	LUNG	NEG	NEG	NEGATIVE
42	34882/16	CASE 119	BLOOD	BLOOD EDTA	1/40960	POS	POSITIVE
44	35773/16	CASE 120	TISSUE	SPLEEN	1/320	POS	POSITIVE
50	35773/16	CASE 120	TISSUE	KIDNEY	1/640	POS	POSITIVE
53	35910/16	CASE 121	TISSUE	BONE MARROW	NEG	NEG	NEGATIVE
54	35910/16	CASE 121	HOMOGENATE	BONE MARROW	NEG	NEG	NEGATIVE
57	396053-2/16	CASE 122	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
60	36048-1/16	CASE 123	BLOOD	SERUM	1/10240	POS	POSITIVE
61	36299/16	CASE 124	BLOOD	BLOOD EDTA	1/2560	POS	POSITIVE
63	37077/16	CASE 125	TISSUE	BONE MARROW	NEG	NEG	NEGATIVE
64	37077/16	CASE 125	HOMOGENATE	BONE MARROW	NEG	NEG	NEGATIVE
67	37077/16	CASE 125	TISSUE	LUNG	NEG	NEG	NEGATIVE





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

70	37077/16	CASE 125	TISSUE	HEART	NEG	NEG	NEGATIVE
73	37322/16	CASE 126	TISSUE	SPLEEN	1/20	WEAK	WEAK
76	37322/16	CASE 126	TISSUE	LYMPH NODE	1/10240	POS	POSITIVE
82	36801/16	CASE 127	TISSUE	BONE MARROW	1/40	WEAK	WEAK
83	36801/16	CASE 127	HOMOGENATE	BONE MARROW	1/20	WEAK	WEAK
86	37591/16	CASE 128	TISSUE	BONE MARROW	1/80	POS	POSITIVE
87	37591/16	CASE 128	HOMOGENATE	BONE MARROW	1/20	WEAK	WEAK
90	37855/16	CASE 129	TISSUE	BONE MARROW	1/80	POS	POSITIVE
91	37855/16	CASE 129	HOMOGENATE	BONE MARROW	1/80	POS	POSITIVE
94	37928-7/16	CASE 130	BLOOD	SERUM	1/40960	POS	POSITIVE
95	37930-85/16	CASE 131	BLOOD	SERUM	1/2560	POS	POSITIVE
96	37935-3/16	CASE 132	BLOOD	SERUM	1/20480	POS	POSITIVE
97	38210/16	CASE 133	TISSUE	BONE MARROW	1/5	WEAK	WEAK
98	38210/16	CASE 133	HOMOGENATE	BONE MARROW	NEG	NEG	NEGATIVE
101	38211/16	CASE 133	TISSUE	SPLEEN	1/2560	POS	POSITIVE
104	38211/16	CASE 133	TISSUE	KIDNEY	1/2560	POS	POSITIVE
107	38211/16	CASE 133	TISSUE	LUNG	1/2560	POS	POSITIVE
110	38212/16	CASE 133	TISSUE	SPLEEN	1/5120	POS	POSITIVE
113	38212/16	CASE 133	TISSUE	KIDNEY	1/2560	POS	POSITIVE
116	38212/16	CASE 133	TISSUE	LUNG	1/10240	POS	POSITIVE
119	38551/16	CASE 134	BLOOD	BLOOD EDTA	1/5120	POS	POSITIVE
121	38552/16	CASE 134	BLOOD	BLOOD EDTA	1/10240	POS	POSITIVE
123	38553/16	CASE 134	TISSUE	BONE MARROW	1/40	WEAK	WEAK
124	38553/16	CASE 134	HOMOGENATE	BONE MARROW	1/80	POS	POSITIVE
127	38555/16	CASE 135	BLOOD	BLOOD EDTA	1/5120	POS	POSITIVE
129	38557-13/16	CASE 136	BLOOD	BLOOD EDTA	1/20480	POS	POSITIVE
131	38657-3/16	CASE 137	BLOOD	SERUM	1/40960	POS	POSITIVE
132	38885/16	CASE 138	BLOOD	SERUM	1/5120	POS	POSITIVE
133	38885/16	CASE 138	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
139	38885/16	CASE 138	TISSUE	KIDNEY	1/2560	POS	POSITIVE
142	39032/16	CASE 139	TISSUE	LYMPH NODE	1/20	WEAK	WEAK
145	39237/16	CASE 140	TISSUE	SPLEEN	1/320	POS	POSITIVE
157	39236/16	CASE 142	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
163	39272/16	CASE 143	TISSUE	SPLEEN	1/320	POS	POSITIVE
169	39109-9/16	CASE 144	BLOOD	SERUM	1/10240	POS	POSITIVE
170	40185/16	CASE 145	TISSUE	SPLEEN	1/160	POS	POSITIVE
176	40240-6/16	CASE 146	BLOOD	SERUM	1/40960	POS	POSITIVE
178	40678/16	CASE 147	TISSUE	BONE MARROW	1/40	WEAK	WEAK
179	40678/16	CASE 147	HOMOGENATE	BONE MARROW	1/20	WEAK	WEAK
184	40741-5/16	CASE 148	BLOOD	BLOOD EDTA	1/320	POS	POSITIVE
186	41312/16	CASE 149	TISSUE	SPLEEN	1/2560	POS	POSITIVE
192	41313/16	CASE 150	TISSUE	BONE MARROW	NEG	NEG	NEGATIVE
193	41313/16	CASE 150	HOMOGENATE	BONE MARROW	1/10	WEAK	WEAK
199	41314/16	CASE 151	BLOOD	SERUM	1/2560	POS	POSITIVE
206	42752-2/16	CASE 152	BLOOD	SERUM	1/2560	POS	POSITIVE
208	43135/16	CASE 153	TISSUE	SPLEEN	1/2560	POS	POSITIVE
214	43135/16	CASE 153	TISSUE	KIDNEY	1/1280	POS	POSITIVE
217	43134/16	CASE 154	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
220	43134/16	CASE 154	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
223	43278-2/16	CASE 155	BLOOD	SERUM	1/40960	POS	POSITIVE
224	43287/16	CASE 156	TISSUE	BONE MARROW	1/20	WEAK	WEAK
225	43287/16	CASE 156	HOMOGENATE	BONE MARROW	1/5	WEAK	WEAK
228	43287/16	CASE 156	TISSUE	SPLEEN	1/1280	POS	POSITIVE
231	43287/16	CASE 156	TISSUE	KIDNEY	1/320	POS	POSITIVE
234	43594-19/16	CASE 157	BLOOD	SERUM	1/20480	POS	POSITIVE
235	43585-77/16	CASE 158	BLOOD	SERUM	1/40960	POS	POSITIVE



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

236	43884/16	CASE 159	TISSUE	SPLEEN	1/160	POS	POSITIVE
239	43884/16	CASE 159	TISSUE	LYMPH NODE	1/2560	POS	POSITIVE
242	43884/16	CASE 159	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
245	43987/16	CASE 160	TISSUE	SPLEEN	1/160	POS	POSITIVE
248	43987/16	CASE 160	TISSUE	LYMPH NODE	1/160	POS	POSITIVE
251	43987/16	CASE 160	TISSUE	KIDNEY	1/320	POS	POSITIVE
254	43988/16	CASE 160	BLOOD	SERUM	1/40960	POS	POSITIVE
255	43988/16	CASE 160	TISSUE	BONE MARROW	1/160	POS	POSITIVE
256	43988/16	CASE 160	HOMOGENATE	BONE MARROW	1/160	POS	POSITIVE
262	44124/16	CASE 161	TISSUE	BONE MARROW	NEG	NEG	NEGATIVE
263	44124/16	CASE 161	HOMOGENATE	BONE MARROW	NEG	NEG	NEGATIVE
266	44369-1/16	CASE 162	TISSUE	BONE MARROW	NEG	NEG	NEGATIVE
267	44369-1/16	CASE 162	HOMOGENATE	BONE MARROW	NEG	NEG	NEGATIVE
269	44369-2/16	CASE 162	TISSUE	BONE MARROW	1/40	WEAK	WEAK
270	44369-2/16	CASE 162	HOMOGENATE	BONE MARROW	1/80	POS	POSITIVE
272	44368-2/16	CASE 163	BLOOD	SERUM	1/20480	POS	POSITIVE

WEAK= IPT Titre <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).

ID CISA	ID POLAND NRL	TYPE OF SAMPLE	OIE-ELISA <sup>(a)</sup>		OIE-IB <sup>(b)</sup>	URL-IPT* <sup>(c)</sup>		CONCLUSION*
			O.D. value	Result		Titer	Result	
1	21008/16	SERUM	0.286	NEG	NT	1/5120	POS	POSITIVE
8	21169-11/16	SERUM	0.488	DOUBT	POS	1/40960	POS	POSITIVE
13	22189-3/16	SERUM	0.273	NEG	NT	1/40960	POS	POSITIVE
15	28460/16	SERUM	0.247	NEG	NT	1/40960	POS	POSITIVE
28	32669/16	SERUM	0.117	NEG	NT	NEG	NEG	NEGATIVE
32	33119-4/16	SERUM	0.423	DOUBT	NEG	1/40960	POS	POSITIVE
60	36048-1/16	SERUM	0.404	DOUBT	NEG	1/10240	POS	POSITIVE
94	37928-7/16	SERUM	0.732	POS	WEAK	1/40960	POS	POSITIVE
95	37930-85/16	SERUM	0.259	NEG	NT	1/2560	POS	POSITIVE
96	37935-3/16	SERUM	0.51	POS	NEG	1/20480	POS	POSITIVE
131	38657-3/16	SERUM	0.457	DOUBT	WEAK	1/40960	POS	POSITIVE
132	38885/16	SERUM	0.211	NEG	NT	1/5120	POS	POSITIVE
169	39109-9/16	SERUM	0.233	NEG	NT	1/10240	POS	POSITIVE
176	40240-6/16	SERUM	0.375	DOUBT	POS	1/40960	POS	POSITIVE
199	41314/16	SERUM	0.164	NEG	NT	1/2560	POS	POSITIVE
206	42752-2/16	SERUM	0.138	NEG	NT	1/2560	POS	POSITIVE
223	43278-2/16	SERUM	1.077	POS	POS	1/40960	POS	POSITIVE
234	43594-19/16	SERUM	1.062	POS	POS	1/20480	POS	POSITIVE

NT=NOT TESTED; WEAK= IPT Titre <1/80

(a) OIE-ELISA → Indirect ELISA described in the OIE Manual of diagnosis for ASF (Chapter 2.8.1. OIE seventh edition 2012).

[PNT/CISA/PPA/ELISA/1]

(b) OIE-IB → Immunoblotting described in the OIE Manual of diagnosis for ASF (Chapter 2.8.1. OIE seventh edition 2012). [PNT/CISA/PPA/IB/1]

(c) URL-IPT → Indirect immunoperoxidase technique on E70-MS infected cells using the protocol standardized and validated by the European Union Reference Laboratory (URL).



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

**2.2. DOMESTIC PIG SAMPLES** → By IPT\*, the presence of antibodies was detected in **16 out of the 58 (27.58%)** domestic pigs tested (domestic pigs identified as 19238, 19258, 19259 and 19260, were not tested). A positive result was obtained in a total of 19 out of the 77 domestic pig samples which included 6 out of the 46 tissue's exudates/homogenates, 2 out of 7 bloods and in 11 out of the 24 sera tested. By the OIE-indirect ELISA test, 2 sera (ID CISA 478 and 482) gave a doubt result confirmed as positive by IPT. By IB, these sample were classified as negative and weak, respectively (**table 6 and 7**).

Table 6 → Antibody detection in domestic pig results							
Sample ID CISA	Sample laboratory code				URL-IPT* (a)		CONCLUSION*
	ID tube		Sample Type		Titer	Result	
281	19735/16	OUTBREAK 6	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
284	19735/16	OUTBREAK 6	TISSUE	LYMPH NODE	1/320	POS	POSITIVE
287	19735/16	OUTBREAK 6	TISSUE	KIDNEY	1/80	POS	POSITIVE
290	19821-1/16	OUTBREAK 6	BLOOD	SERUM	1/40	WEAK	WEAK
291	19821-2/16	OUTBREAK 6	BLOOD	SERUM	1/20480	POS	POSITIVE
293	19967/16	OUTBREAK 7	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
296	19967/16	OUTBREAK 7	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
299	19968/16	OUTBREAK 7	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
302	19968/16	OUTBREAK 7	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
305	19969/16	OUTBREAK 7	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
308	19969/16	OUTBREAK 7	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
311	19970-4/16	OUTBREAK 7	BLOOD	BLOOD EDTA	NEG	NEG	NEGATIVE
313	20186/16	OUTBREAK 7	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
316	20186/16	OUTBREAK 7	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
319	20187/16	OUTBREAK 7	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
322	20187/16	OUTBREAK 7	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
325	20188-4/16	OUTBREAK 7	BLOOD	SERUM	NEG	NEG	NEGATIVE
327	20208-2/16	OUTBREAK 8	BLOOD	SERUM	NEG	NEG	NEGATIVE
329	20208-3/16	OUTBREAK 8	BLOOD	SERUM	1/20	WEAK	WEAK
331	20543/16	OUTBREAK 8	TISSUE	SPLEEN	1/160	POS	POSITIVE
334	20543/16	OUTBREAK 8	TISSUE	KIDNEY	1/160	POS	POSITIVE
337	20543/16	OUTBREAK 8	TISSUE	LUNG	1/640	POS	POSITIVE
340	19928-3/16	OUTBREAK 9	BLOOD	SERUM	NEG	NEG	NEGATIVE
342	20533-1/16	OUTBREAK 9	BLOOD	SERUM	1/10240	POS	POSITIVE
343	20533-3/16	OUTBREAK 9	BLOOD	SERUM	NEG	NEG	NEGATIVE
345	20533-10/16	OUTBREAK 9	BLOOD	SERUM	NEG	NEG	NEGATIVE
350	20535/16	OUTBREAK 9	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
353	20536/16	OUTBREAK 9	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
356	20536/16	OUTBREAK 9	TISSUE	LYMPH NODE	NEG	NEG	NEGATIVE
359	20538/16	OUTBREAK 9	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
362	20538/16	OUTBREAK 9	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
365	20539/16	OUTBREAK 10	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
371	20540/16	OUTBREAK 10	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
377	20541/16	OUTBREAK 10	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
386	20801-7/16	OUTBREAK 10	BLOOD	SERUM	NEG	NEG	NEGATIVE
388	20801-20/16	OUTBREAK 10	BLOOD	SERUM	NEG	NEG	NEGATIVE
390	20801-23/16	OUTBREAK 10	BLOOD	SERUM	NEG	NEG	NEGATIVE
392	20802/16	OUTBREAK 10	BLOOD	SERUM	NEG	NEG	NEGATIVE
394	20803/16	OUTBREAK 10	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
397	20804/16	OUTBREAK 10	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
403	20805/16	OUTBREAK 10	TISSUE	SPLEEN	NEG	NEG	NEGATIVE



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

406	20805/16	OUTBREAK 10	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
409	20806/16	OUTBREAK 10	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
415	20633/16	OUTBREAK 11	BLOOD	BLOOD EDTA	NEG	NEG	NEGATIVE
417	20634/16	OUTBREAK 11	BLOOD	BLOOD EDTA	NEG	NEG	NEGATIVE
419	20778/16	OUTBREAK 12	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
422	20778/16	OUTBREAK 12	TISSUE	LYMPH NODE	NEG	NEG	NEGATIVE
425	20778/16	OUTBREAK 12	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
428	21010-5/16	OUTBREAK 12	BLOOD	SERUM	NEG	NEG	NEGATIVE
430	21010-7/16	OUTBREAK 12	BLOOD	SERUM	NEG	NEG	NEGATIVE
432	21010-10/16	OUTBREAK 12	BLOOD	SERUM	NEG	NEG	NEGATIVE
434	21120-1/16	OUTBREAK 13	BLOOD	BLOOD EDTA	NEG	NEG	NEGATIVE
436	21120-5/16	OUTBREAK 13	BLOOD	CLOTTED	1/2560	POS	POSITIVE
438	21120-6/16	OUTBREAK 13	BLOOD	CLOTTED	1/320	POS	POSITIVE
440	21508/16	OUTBREAK 14	BLOOD	BLOOD EDTA	NEG	NEG	NEGATIVE
442	22042/16	OUTBREAK 15	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
445	22042/16	OUTBREAK 15	TISSUE	LYMPH NODE	NEG	NEG	NEGATIVE
448	22042/16	OUTBREAK 15	TISSUE	TONSIL	NEG	NEG	NEGATIVE
451	22047/16	OUTBREAK 16	BLOOD	SERUM	1/5120	POS	POSITIVE
453	22049/16	OUTBREAK 16	BLOOD	SERUM	1/10240	POS	POSITIVE
454	22363/16	OUTBREAK 17	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
457	22363/16	OUTBREAK 17	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
460	22922-4/16	OUTBREAK 18	BLOOD	SERUM	NEG	NEG	NEGATIVE
462	22923/16	OUTBREAK 18	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
465	22923/16	OUTBREAK 18	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
468	23547-1/16	OUTBREAK 18	HOMOGENATE	BONE MARROW	NEG	NEG	NEGATIVE
470	23547-4/16	OUTBREAK 18	HOMOGENATE	BONE MARROW	NEG	NEG	NEGATIVE
472	24543-7/16	OUTBREAK 19	BLOOD	SERUM	1/2560	POS	POSITIVE
473	24543-8/16	OUTBREAK 19	BLOOD	SERUM	1/1280	POS	POSITIVE
475	26002/16	OUTBREAK 20	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
478	28636-4/16	OUTBREAK 21	BLOOD	SERUM	1/40960	POS	POSITIVE
480	28636-5/16	OUTBREAK 21	BLOOD	SERUM	1/40960	POS	POSITIVE
482	28636-9/16	OUTBREAK 21	BLOOD	SERUM	1/40960	POS	POSITIVE
484	28707/16	OUTBREAK 22	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
487	29413/16	OUTBREAK 23	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
490	29415/16	OUTBREAK 23	TISSUE	SPLEEN	1/80	POS	POSITIVE
493	29415/16	OUTBREAK 23	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
281	19735/16	OUTBREAK 6	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
284	19735/16	OUTBREAK 6	TISSUE	LYMPH NODE	1/320	POS	POSITIVE
287	19735/16	OUTBREAK 6	TISSUE	KIDNEY	1/80	POS	POSITIVE
290	19821-1/16	OUTBREAK 6	BLOOD	SERUM	1/40	WEAK	WEAK
291	19821-2/16	OUTBREAK 6	BLOOD	SERUM	1/20480	POS	POSITIVE
293	19967/16	OUTBREAK 7	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
296	19967/16	OUTBREAK 7	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
299	19968/16	OUTBREAK 7	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
302	19968/16	OUTBREAK 7	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
305	19969/16	OUTBREAK 7	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
308	19969/16	OUTBREAK 7	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
311	19970-4/16	OUTBREAK 7	BLOOD	BLOOD EDTA	NEG	NEG	NEGATIVE
313	20186/16	OUTBREAK 7	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
316	20186/16	OUTBREAK 7	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
319	20187/16	OUTBREAK 7	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
322	20187/16	OUTBREAK 7	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
325	20188-4/16	OUTBREAK 7	BLOOD	SERUM	NEG	NEG	NEGATIVE
327	20208-2/16	OUTBREAK 8	BLOOD	SERUM	NEG	NEG	NEGATIVE
329	20208-3/16	OUTBREAK 8	BLOOD	SERUM	1/20	WEAK	WEAK
331	20543/16	OUTBREAK 8	TISSUE	SPLEEN	1/160	POS	POSITIVE



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

334	20543/16	OUTBREAK 8	TISSUE	KIDNEY	1/160	POS	POSITIVE
337	20543/16	OUTBREAK 8	TISSUE	LUNG	1/640	POS	POSITIVE
340	19928-3/16	OUTBREAK 9	BLOOD	SERUM	NEG	NEG	NEGATIVE
342	20533-1/16	OUTBREAK 9	BLOOD	SERUM	1/10240	POS	POSITIVE
343	20533-3/16	OUTBREAK 9	BLOOD	SERUM	NEG	NEG	NEGATIVE
345	20533-10/16	OUTBREAK 9	BLOOD	SERUM	NEG	NEG	NEGATIVE
350	20535/16	OUTBREAK 9	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
353	20536/16	OUTBREAK 9	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
356	20536/16	OUTBREAK 9	TISSUE	LYMPH NODE	NEG	NEG	NEGATIVE
359	20538/16	OUTBREAK 9	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
362	20538/16	OUTBREAK 9	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
365	20539/16	OUTBREAK 10	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
371	20540/16	OUTBREAK 10	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
377	20541/16	OUTBREAK 10	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
386	20801-7/16	OUTBREAK 10	BLOOD	SERUM	NEG	NEG	NEGATIVE
388	20801-20/16	OUTBREAK 10	BLOOD	SERUM	NEG	NEG	NEGATIVE
390	20801-23/16	OUTBREAK 10	BLOOD	SERUM	NEG	NEG	NEGATIVE
392	20802/16	OUTBREAK 10	BLOOD	SERUM	NEG	NEG	NEGATIVE
394	20803/16	OUTBREAK 10	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
397	20804/16	OUTBREAK 10	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
403	20805/16	OUTBREAK 10	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
406	20805/16	OUTBREAK 10	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
409	20806/16	OUTBREAK 10	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
415	20633/16	OUTBREAK 11	BLOOD	BLOOD EDTA	NEG	NEG	NEGATIVE
417	20634/16	OUTBREAK 11	BLOOD	BLOOD EDTA	NEG	NEG	NEGATIVE
419	20778/16	OUTBREAK 12	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
422	20778/16	OUTBREAK 12	TISSUE	LYMPH NODE	NEG	NEG	NEGATIVE
425	20778/16	OUTBREAK 12	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
428	21010-5/16	OUTBREAK 12	BLOOD	SERUM	NEG	NEG	NEGATIVE
430	21010-7/16	OUTBREAK 12	BLOOD	SERUM	NEG	NEG	NEGATIVE
432	21010-10/16	OUTBREAK 12	BLOOD	SERUM	NEG	NEG	NEGATIVE
434	21120-1/16	OUTBREAK 13	BLOOD	BLOOD EDTA	NEG	NEG	NEGATIVE
436	21120-5/16	OUTBREAK 13	BLOOD	CLOTTED	1/2560	POS	POSITIVE
438	21120-6/16	OUTBREAK 13	BLOOD	CLOTTED	1/320	POS	POSITIVE
440	21508/16	OUTBREAK 14	BLOOD	BLOOD EDTA	NEG	NEG	NEGATIVE
442	22042/16	OUTBREAK 15	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
445	22042/16	OUTBREAK 15	TISSUE	LYMPH NODE	NEG	NEG	NEGATIVE
448	22042/16	OUTBREAK 15	TISSUE	TONSIL	NEG	NEG	NEGATIVE
451	22047/16	OUTBREAK 16	BLOOD	SERUM	1/5120	POS	POSITIVE
453	22049/16	OUTBREAK 16	BLOOD	SERUM	1/10240	POS	POSITIVE
454	22363/16	OUTBREAK 17	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
457	22363/16	OUTBREAK 17	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
460	22922-4/16	OUTBREAK 18	BLOOD	SERUM	NEG	NEG	NEGATIVE
462	22923/16	OUTBREAK 18	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
465	22923/16	OUTBREAK 18	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
468	23547-1/16	OUTBREAK 18	HOMOGENATE	BONE MARROW	NEG	NEG	NEGATIVE
470	23547-4/16	OUTBREAK 18	HOMOGENATE	BONE MARROW	NEG	NEG	NEGATIVE
472	24543-7/16	OUTBREAK 19	BLOOD	SERUM	1/2560	POS	POSITIVE
473	24543-8/16	OUTBREAK 19	BLOOD	SERUM	1/1280	POS	POSITIVE
475	26002/16	OUTBREAK 20	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
478	28636-4/16	OUTBREAK 21	BLOOD	SERUM	1/40960	POS	POSITIVE
480	28636-5/16	OUTBREAK 21	BLOOD	SERUM	1/40960	POS	POSITIVE
482	28636-9/16	OUTBREAK 21	BLOOD	SERUM	1/40960	POS	POSITIVE
484	28707/16	OUTBREAK 22	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
487	29413/16	OUTBREAK 23	TISSUE	SPLEEN	NEG	NEG	NEGATIVE
490	29415/16	OUTBREAK 23	TISSUE	SPLEEN	1/80	POS	POSITIVE





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

493	29415/16	OUTBREAK 23	TISSUE	KIDNEY	NEG	NEG	NEGATIVE
-----	----------	-------------	--------	--------	-----	-----	----------

WEAK= IPT Titre <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).

Table 7 → ASF antibody detection in domestic pig sera								
ID CISA	ID POLAND NRL	TYPE OF SAMPLE	OIE-ELISA <sup>(a)</sup>		OIE-IB <sup>(b)</sup>	URL-IPT* <sup>(c)</sup>		CONCLUSION*
			O.D. value	Result		Titer	Result	
290	19821-1/16	SERUM	0.118	NEG	NT	1/40	WEAK	WEAK
291	19821-2/16	SERUM	0.18	NEG	NT	1/20480	POS	POSITIVE
325	20188-4/16	SERUM	0.154	NEG	NT	NEG	NEG	NEGATIVE
327	20208-2/16	SERUM	0.149	NEG	NT	NEG	NEG	NEGATIVE
329	20208-3/16	SERUM	0.164	NEG	NT	1/20	WEAK	WEAK
340	19928-3/16	SERUM	0.136	NEG	NT	NEG	NEG	NEGATIVE
342	20533-1/16	SERUM	0.176	NEG	NT	1/10240	POS	POSITIVE
343	20533-3/16	SERUM	0.17	NEG	NT	NEG	NEG	NEGATIVE
345	20533-10/16	SERUM	0.166	NEG	NT	NEG	NEG	NEGATIVE
386	20801-7/16	SERUM	0.194	NEG	NT	NEG	NEG	NEGATIVE
388	20801-20/16	SERUM	0.117	NEG	NT	NEG	NEG	NEGATIVE
390	20801-23/16	SERUM	0.159	NEG	NT	NEG	NEG	NEGATIVE
392	20802/16	SERUM	0.151	NEG	NT	NEG	NEG	NEGATIVE
428	21010-5/16	SERUM	0.202	NEG	NT	NEG	NEG	NEGATIVE
430	21010-7/16	SERUM	0.162	NEG	NT	NEG	NEG	NEGATIVE
432	21010-10/16	SERUM	0.176	NEG	NT	NEG	NEG	NEGATIVE
451	22047/16	SERUM	0.211	NEG	NT	1/5120	POS	POSITIVE
453	22049/16	SERUM	0.217	NEG	NT	1/10240	POS	POSITIVE
460	22922-4/16	SERUM	0.138	NEG	NT	NEG	NEG	NEGATIVE
472	24543-7/16	SERUM	0.21	NEG	NT	1/2560	POS	POSITIVE
473	24543-8/16	SERUM	0.212	NEG	NT	1/1280	POS	POSITIVE
478	28636-4/16	SERUM	0.307	DOUBT	NEG	1/40960	POS	POSITIVE
480	28636-5/16	SERUM	0.163	NEG	NT	1/40960	POS	POSITIVE
482	28636-9/16	SERUM	0.409	DOUBT	WEAK	1/40960	POS	POSITIVE

NT=NOT TESTED; WEAK= IPT Titre <1/80

- (d) **OIE-ELISA** → Indirect ELISA described in the OIE Manual of diagnosis for ASF (Chapter 2.8.1. OIE seventh edition 2012).

[PNT/CISA/PPA/ELISA/1]

- (e) **OIE-IB** → Immunoblotting described in the OIE Manual of diagnosis for ASF (Chapter 2.8.1. OIE seventh edition 2012).

[PNT/CISA/PPA/IB/1]

- (f) **URL-IPT** → Indirect immunoperoxidase technique on E70-MS infected cells using the protocol standardized and validated by the European Union Reference Laboratory (EURL).

**3. ASFV MOLECULAR CHARACTERIZATION\*** → Genetic characterization of ASFV has been performed by four independent PCRs and further sequencing from **51 wild boar** (table 8) and **19 domestic pig samples** (table 9).



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

<b>Table 8 → Identification of the wild boar ASFV sequenced</b>				
<b>ASFV SEQUENCED</b>	<b>SAMPLING LOCALIZATION</b>	<b>SAMPLING DATE</b>	<b>ID ANIMAL</b>	<b>ID CISA</b>
Pol16/WB-CASE 108	Narew, Hajnowski, Podlaskie Voivodeship	11/08/2016	21169-11	2
Pol16/WB-CASE 107	Mielnik, Siemiatycki, Podlaskie Voivodeship	13/08/2016	21008	8
Pol16/WB-CASE 109	Mielnik, Siemiatycki, Podlaskie Voivodeship	22/08/2016	22365	9
Pol16/WB-CASE 112	Trzcianne, Moniecki, Podlaskie Voivodeship	22/09/2016	28460	16
Pol16/WB-CASE 113	Trzcianne, Moniecki, Podlaskie Voivodeship	28/09/2016	29168	20
Pol16/WB-CASE 114	Bajki Zalesie, Krypno, Moniecki, Podlaskie Voivodeship	04/10/2016	30424	23
Pol16/WB-CASE 115	Białowieża, Hajnowski, Podlaskie Voivodeship	12/10/2016	32669	28
Pol16/WB-CASE 116	Zalesie, Biański, LUBELSKIE Voivodeship	13/10/2016	33290	30
Pol16/WB-CASE 118	Knyszyn, Moniecki, Podlaskie Voivodeship	18/10/2016	33533	34
Pol16/WB-CASE 119	Janów, Biański, LUBELSKIE	24/10/2016	34882	42
Pol16/WB-CASE 120	Mielnik, Siemiatycki, Podlaskie Voivodeship	25/10/2016	35773	44
Pol16/WB-CASE 121	Konstantynów, Biański, LUBELSKIE Voivodeship	28/10/2016	35910	55
Pol16/WB-CASE 122	Tykocin, Białostocki, Podlaskie Voivodeship	28/10/2016	396053-2	57
Pol16/WB-CASE 124	Zalesie, Biański, LUBELSKIE Voivodeship	03/11/2016	36299	61
Pol16/WB-CASE 125	Knyszyn, Moniecki, Podlaskie Voivodeship	05/11/2016	37077	68
Pol16/WB-CASE 126	Nurzec Stacja, Siemiatycki, Podlaskie Voivodeship	07/11/2016	37322	73
Pol16/WB-CASE 127	Sarnaki, Losicki, MAZOWIECKIE- Voivodeship	07/11/2016	36801	84
Pol16/WB-CASE 128	Sarnaki, Losicki, MAZOWIECKIE- Voivodeship	09/11/2016	37591	89
Pol16/WB-CASE 133	Trzcianne, Moniecki, Podlaskie Voivodeship	10/11/2016	38210	91
Pol16/WB-CASE 133	Trzcianne, Moniecki, Podlaskie Voivodeship	10/11/2016	38211	97
Pol16/WB-CASE 133	Trzcianne, Moniecki, Podlaskie Voivodeship	10/11/2016	38212	102
Pol16/WB-CASE 135	Zalesie, Biański, LUBELSKIE Voivodeship	12/11/2016	38555	111
Pol16/WB-CASE 136	Konstantynów, Biański, LUBELSKIE Voivodeship	12/11/2016	38557-13	119
Pol16/WB-CASE 129	Biała Podlaska, Podlaskie Voivodeship	13/11/2016	37855	121
Pol16/WB-CASE 137	Białowieża, Hajnowski, Podlaskie Voivodeship	15/11/2016	38657-3	123
Pol16/WB-CASE 138	Białowieża, Podlaskie Voivodeship	15/11/2016	38885	127
Pol16/WB-CASE 134	Janów Podlaski, Biański, LUBELSKIE Voivodeship	16/11/2016	38551	129
Pol16/WB-CASE 134	Janów Podlaski, Biański, LUBELSKIE Voivodeship	16/11/2016	38552	131
Pol16/WB-CASE 134	Janów Podlaski, Biański, LUBELSKIE Voivodeship	16/11/2016	38553	133
Pol16/WB-CASE 140	Mielnik, Siemiatycki, Podlaskie Voivodeship	19/11/2016	39237	142
Pol16/WB-CASE 139	Janów Podlaski, Biański, LUBELSKIE Voivodeship	21/11/2016	39032	145
Pol16/WB-CASE 141	Nurzec Stacja, Siemiatycki, Podlaskie Voivodeship	21/11/2016	39235	151
Pol16/WB-CASE 142	Nurzec Stacja, Siemiatycki, Podlaskie Voivodeship	21/11/2016	39236	157
Pol16/WB-CASE 143	Sarnaki, losicki, MAZOWIECKIE- Voivodeship	22/11/2016	39272	163
Pol16/WB-CASE 145	Nurzec Stacja, Siemiatycki, Podlaskie Voivodeship	26/11/2016	40185	170
Pol16/WB-CASE 146	Mielnik, Siemiatycki, Podlaskie Voivodeship	28/11/2016	40240-6	176
Pol16/WB-CASE 147	Nurzec Stacja, Siemiatycki, Podlaskie Voivodeship	28/11/2016	40678	182
Pol16/WB-CASE 148	Zalesie, Biański, LUBELSKIE Voivodeship	29/11/2016	40741-5	184
Pol16/WB-CASE 149	Mielnik, Siemiatycki, Podlaskie Voivodeship	02/12/2016	41312	186
Pol16/WB-CASE 150	Nurzec Stacja, Podlaskie Voivodeship	03/12/2016	41313	194
Pol16/WB-CASE 151	Mielnik, Siemiatycki, Podlaskie Voivodeship	05/12/2016	41314	200
Pol16/WB-CASE 152	Zalesie, Biański, LUBELSKIE Voivodeship	10/12/2016	42752-2	206
Pol16/WB-CASE 156	Czeremcha, Hajnowski, Podlaskie Voivodeship	13/12/2016	43287	209
Pol16/WB-CASE 153	Nurzec Stacja, Siemiatycki, Podlaskie Voivodeship	14/12/2016	43135	218
Pol16/WB-CASE 154	Mielnik, Siemiatycki, Podlaskie Voivodeship	14/12/2016	43134	228
Pol16/WB-CASE 158	Zalesie, Biański, LUBELSKIE Voivodeship	18/12/2016	43585-77	235
Pol16/WB-CASE 159	Stara Kornica, Losicki, MAZOWIECKIE-Voivodeship	19/12/2016	43884	236
Pol16/WB-CASE 160	Nurzec Stacja, Siemiatycki, Podlaskie Voivodeship	21/12/2016	43987	245
Pol16/WB-CASE 161	Zalesie, Biański, LUBELSKIE Voivodeship	22/12/2016	44124	264
Pol16/WB-CASE 162	Rokitno, Bielski, LUBELSKIE-Voivodeship	27/12/2016	44369-2	271
Pol16/WB-CASE 163	Rokitno, Bielski, LUBELSKIE-Voivodeship	28/12/2016	44368-2	272



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

Table 9 → Identification of the domestic pig ASFV sequenced				
ASFV SEQUENCED	SAMPLING LOCALIZATION	SAMPLING DATE	ID ANIMAL	ID CISA
Pol16/DP-OUT5	Wysokie Mazowieckie	31/07/2016	19258/16	275
Pol16/DP-OUT6	Wysokie Mazowieckie	04/08/2016	19735/16	281
Pol16/DP-OUT7	Mielnik	07/08/2016	19967/16	293
Pol16/DP-OUT8	Choroszcz	10/08/2016	20543/16	331
Pol16/DP-OUT9	Zambrów	10/08/2016	20538/16	359
Pol16/DP-OUT10	Wysokie Mazowieckie	10/08/2016	20539/16	365
Pol16/DP-OUT11	Sokoły	11/08/2016	20633/16	415
Pol16/DP-OUT12	Janów Podlaski	11/08/2016	20778/16	419
Pol16/DP-OUT13	Bielsk Podlaski	16/08/2016	21120-1/16	434
Pol16/DP-OUT14	Leśna Podlaska	18/08/2016	21508/16	440
Pol16/DP-OUT15	Leśna Podlaska	21/08/2016	22042/16	442
Pol16/DP-OUT16	Stara Kornica	20/08/2016	22047/16	452
Pol16/DP-OUT17	Mielnik	23/08/2016	22363/16	454
Pol16/DP-OUT18	Nurzec Stacja	24/08/2016	22923/16	463
Pol16/DP-OUT19	Goniądz	01/09/2016	24543-7/16	472
Pol16/DP-OUT20	Podlaska	08/09/2016	26002/16	475
Pol16/DP-OUT21	Stara Kornica	25/09/2016	28636-4/16	478
Pol16/DP-OUT22	Leśna Podlaska	26/09/2016	28707/16	484
Pol16/DP-OUT23	Nurzec Stacja	29/09/2016	29413/16	487

The expected ≈478 bp of the C-terminal *p72*-gene was obtained in all positive selected wild boar (WB) and domestic pig (DP) samples. The PCR amplicons were sequenced in order to place the new ASFV Poland viruses in one of the defined 23 *p72* genotypes. The ASF Poland WB and DP viruses clustered **within *p72* genotype II** and showed 100% nucleotide identity with all compared ASFV isolates from Eastern and Central Europe across the 478-bp C-terminal *p72* gene. Nucleotide and amino acid sequence analysis of the CVR-PCR products placed the Poland viruses within the **variant GII-CVR1** with the presence of 10 copies of amino acid tetramer repeats that were 100% identical and unique to those of the ASFV circulating in Poland since the beginning of the ASF outbreaks/cases in 2014, and currently circulating in Latvia, Lithuania and in certain regions of Estonia. Same result was obtained by the sequence analysis of **the intergenic region between the *I73R* and *I329L* genes (IGR<sub>I73R-I329L</sub>)** which revealed the presence of the nucleotide tandem repeat (TRS) insertion (**GGAAATATA**) which is representative of all the ASFV isolates circulating within the EU countries Estonia, Latvia, Poland and Lithuania since the entrance of the disease in January 2014. This **intergenic region variant named GII-IGR<sub>I73R-I329L</sub>-2** is also present in the Ukraine 2012 and 2015 isolates, in the Belarus 2013 viruses and, since 2012, in Russia Federation when are co-circulating the two IGR variants (Gallardo *et al.*, 2014; Goller *et al.*, 2015).

The amplification of the **intergenic region between the MGF 505 9R and the 10R genes (IGR 9R/10R)** generated a 507-bp amplicon from the wild boar Poland ASFV isolate **Pol16/WB-CASE 126**, whereas the estimated size of the remaining wild boar and domestic pigs Poland ASFV isolates was

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

489 bp. The nucleotide sequence analysis of the PCR products obtained revealed in the ASFV isolate **Pol16/WB-CASE 126** a new 17 nucleotide long insertion of a TRS **TAGTAGTTCAGTTAAGA**. This TRS insertion was absent in the remaining Poland viruses sequenced and in the 753 genotype II ASFVs isolated since 2014 from wild and domestic pigs in the EU countries, as well as in the ASFV isolates available in at the EURL collected from the outbreaks occurred in Belarus in 2013, Ukraine 2012 and 2015 and Moldova in 2016. The presence of this TRS was only observed in the sequences of the Russian ASFVs from Tver and Vladimir regions at least since 2012 (Elsukova, A. et al., 2016). However, it should be mentioned, that all the Russian ASFV isolates, harbouring 9R/10R TRS were lacking I73R/I329L TRS, therefore no being identical to the ASFV Pol16/WB-CASE 126 isolate (**figure 1**).

**Figure 1:** Partial nucleotide sequence alignment of the intergenic region between 9R and 10R in African swine fever virus (ASFV) isolates from eastern and central Europe, including the first virus isolated in 2007 in Georgia (Georgia2007; GenBank accession no. FR682468.1). The mutation that results in the insertion of a single nucleotide internal repeat sequence (TAGTAGTTCAGTTAAGA) in the **ASFV Pol16/WB-CASE 126** isolate, as well as in the Russian viruses, is indicated by gray shading.

Georgia07	TAGTTCAGTTAAGATAGTAGTTAGTTAAGA-----TAGTAGTTTAGTTAAGATAGTAGT
Arm07	TAGTTCAGTTAAGATAGTAGTTAGTTAAGA-----TAGTAGTTTAGTTAAGATAGTAGT
Az08D	TAGTTCAGTTAAGATAGTAGTTAGTTAAGA-----TAGTAGTTTAGTTAAGATAGTAGT
Rostov09	TAGTTCAGTTAAGATAGTAGTTAGTTAAGA-----TAGTAGTTTAGTTAAGATAGTAGT
Kalmykia09	TAGTTCAGTTAAGATAGTAGTTAGTTAAGA-----TAGTAGTTTAGTTAAGATAGTAGT
Tver0511/Torjo	TAGTTCAGTTAAGATAGTAGTTAGTTAAGA-----TAGTAGTTTAGTTAAGATAGTAGT
Bell3/Grodno	TAGTTCAGTTAAGATAGTAGTTAGTTAAGA-----TAGTAGTTTAGTTAAGATAGTAGT
Tver0312/Torjo	TAGTTCAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGT
Tver0712/Les	TAGTTCAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGT
Kashino 04/13	TAGTTCAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGT
Karamsino 06/13	TAGTTCAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGT
Vyazma 09/13	TAGTTCAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGT
Yuriev-Polskyi09/13	TAGTTCAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGT
Shihobalovo 10/13	TAGTTCAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGT
Kashino 06/14	TAGTTCAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGT
LT2014-2016	TAGTTCAGTTAAGATAGTAGTTAGTTAAGA-----TAGTAGTTTAGTTAAGATAGTAGT
EST2014-2016	TAGTTCAGTTAAGATAGTAGTTAGTTAAGA-----TAGTAGTTTAGTTAAGATAGTAGT
LV2014-2016	TAGTTCAGTTAAGATAGTAGTTAGTTAAGA-----TAGTAGTTTAGTTAAGATAGTAGT
<b>Pol2014-2016</b>	TAGTTCAGTTAAGATAGTAGTTAGTTAAGA-----TAGTAGTTTAGTTAAGATAGTAGT
Sobinka 07/15	TAGTTCAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGT
Ukr15/DP2/Kieve	TAGTTCAGTTAAGATAGTAGTTAGTTAAGA-----TAGTAGTTTAGTTAAGATAGTAGT
MOL16/DP-MOSA1	TAGTTCAGTTAAGATAGTAGTTAGTTAAGA-----TAGTAGTTTAGTTAAGATAGTAGT
MOL16/DP-CERNO1	TAGTTCAGTTAAGATAGTAGTTAGTTAAGA-----TAGTAGTTTAGTTAAGATAGTAGT
<b>Pol16/WB-CASE126</b>	TAGTTCAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGTTAGTTAAGATAGTAGT

## CONCLUSION\*

1. The **presence of ASF** has been confirmed throughout antibody and/or ASFV genome detection in **all wild boar** received from the **cases 107 to 162** which were occurred in **Poland from August 2016 (case 107) up to December 2016 (case 162)**.

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

2. The **presence of ASF** has been confirmed in all **domestic pig** received from the **outbreaks** occurred from **July up to September 2016**.
3. The **p72 genotyping of the new Poland wild boar and domestic pig ASFV** clustered the viruses within **p72 genotype II** circulating in the Eastern European countries since the first introduction in Georgia in 2007.
4. The **CVR subtyping** placed the ASF domestic pig and wild boar Poland viruses within the **CVR variant 1** identical to those of the ASFV circulating in the Eastern countries since 2007.
5. The **intergenic region (IGR I73R-I329L) subtyping** showed that the ASF Poland viruses responsible of the wild boar cases and domestic pig outbreaks were **100% homologous** to the viruses responsible of the cases occurred in wild boar and in domestic pigs in Lithuania, Latvia, Estonia and Poland since the ASFV entrance into the EU in 2014 and initially discovered in certain regions of the Russia Federation in 2012.
6. The analysis of the **intergenic region (IGR 9R-10R) located between the 9R and 10R genes within the MGF 505** has allowed us identifying a **new genetic variant in the virus collected from the wild boar case 126** occurred in Nurzec Stacja, Siemiatycki, Podlaskie Voivodeship on November 2016. This variant has been only previously found in ASFVs circulating in the Russian Federation, and not within the EU countries.

The table below summarizes the results obtained in each WILD BOAR combining virus and antibody detection tests, as well as the genotyping results.

ASF FINAL DIAGNOSTIC RESULT IN WILD BOAR										
OUTBREAK DATE	SAMPLE LABORATORY CODE			VIRUS DETECTION	ANTIBODY DETECTION	ASFV ISOLATE	GENOTYPING			
11/08/2016	Narew, Hajnowski, Podlaskie	CASE 108	21169-11	POSITIVE	POSITIVE	Pol16/WB-CASE 108	GII	CVR-1	IGR <sub>I73R-I329L</sub> -2	MGF -1
13/08/2016	Mielnik, Siemiatycki, Podlaskie	CASE 107	21008	POSITIVE	POSITIVE	Pol16/WB-CASE 107	GII	CVR-1	IGR <sub>I73R-I329L</sub> -2	MGF -1
21/08/2016	Narew, Hajnowski, Podlaskie	CASE 110	22189-3	NEGATIVE	POSITIVE					
22/08/2016	Mielnik, Siemiatycki, Podlaskie	CASE109	22365	POSITIVE	NT	Pol16/WB-CASE 109	GII	CVR-1	IGR <sub>I73R-I329L</sub> -2	MGF -1
24/08/2016	Hajnówka, Hajnowski, Podlaskie	CASE 111	23416-6	NEGATIVE	POSITIVE					
22/09/2016	Trzcianne, Moniecki, Podlaskie	CASE 112	28460	POSITIVE	POSITIVE	Pol16/WB-CASE 112	GII	CVR-1	IGR <sub>I73R-I329L</sub> -2	MGF -1
28/09/2016	Trzcianne, Moniecki, Podlaskie	CASE 113	29168	POSITIVE	NEGATIVE	Pol16/WB-CASE 113	GII	CVR-1	IGR <sub>I73R-I329L</sub> -2	MGF -1
04/10/2016	Krypno, Moniecki, Podlaskie	CASE 114	30424	POSITIVE	POSITIVE	Pol16/WB-CASE 114	GII	CVR-1	IGR <sub>I73R-I329L</sub> -2	MGF -1
12/10/2016	Białowieża, Hajnowski, Podlaskie	CASE 115	32669	POSITIVE	NEGATIVE	Pol16/WB-CASE 115	GII	CVR-1	IGR <sub>I73R-I329L</sub> -2	MGF -1
15/10/2016	Zalesie, Biański, LUBELSKIE	CASE 116	33290	POSITIVE	POSITIVE	Pol16/WB-CASE 116	GII	CVR-1	IGR <sub>I73R-I329L</sub> -2	MGF -1
13/10/2016	Białowieża, Hajnowski, Podlaskie	CASE 117	33119-4	NEGATIVE	POSITIVE					
18/10/2016	Knyszyn, Moniecki, Podlaskie	CASE 118	33533	POSITIVE	NEGATIVE	Pol16/WB-CASE 118	GII	CVR-1	IGR <sub>I73R-I329L</sub> -2	MGF -1
24/10/2016	Janów, Biański, LUBELSKIE	CASE 119	34882	POSITIVE	POSITIVE	Pol16/WB-CASE 119	GII	CVR-1	IGR <sub>I73R-I329L</sub> -2	MGF -1





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

25/10/2016	Mielnik, Siemiatycki, Podlaskie	CASE 120	35773	POSITIVE	POSITIVE	Pol16/WB-CASE 120	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
28/10/2016	Konstantynów, Biański, LUBELSKIE	CASE 121	35910	POSITIVE	NEGATIVE	Pol16/WB-CASE 121	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
28/10/2016	Tykocin, Białostocki, Podlaskie	CASE 122	396053-2	POSITIVE	NEGATIVE	Pol16/WB-CASE 122	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
29/10/2016	Tykocin, Białostocki, Podlaskie	CASE 123	36048-1	NEGATIVE	POSITIVE					
03/11/2016	Zalesie, Biański, LUBELSKIE	CASE 124	36299	POSITIVE	POSITIVE	Pol16/WB-CASE 124	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
05/11/2016	Knyszyn, Moniecki, Podlaskie	CASE 125	37077	POSITIVE	NEGATIVE	Pol16/WB-CASE 125	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
07/11/2016	Nurzec Stacja, Siemiatycki, Podlaskie	CASE 126	37322	POSITIVE	POSITIVE	Pol16/WB-CASE 126	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF-2
07/11/2016	Sarnaki, Losicki, MAZOWIECKIE-	CASE 127	36801	POSITIVE	WEAK <sup>1</sup>	Pol16/WB-CASE 127	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
09/11/2016	Sarnaki, Losicki, MAZOWIECKIE-	CASE 128	37591	POSITIVE	POSITIVE	Pol16/WB-CASE 128	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
10/11/2016	Narewka, Hajnowski, Podlaskie	CASE 130	37928-7	NEGATIVE	POSITIVE					
10/11/2016	Trzcianne, Moniecki, Podlaskie	CASE 133	38210	POSITIVE	WEAK	Pol16/WB-CASE 133	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
10/11/2016	Trzcianne, Moniecki, Podlaskie	CASE 133	38211	POSITIVE	POSITIVE	Pol16/WB-CASE 133	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
10/11/2016	Trzcianne, Moniecki, Podlaskie	CASE 133	38212	POSITIVE	POSITIVE	Pol16/WB-CASE 133	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
12/11/2016	Gródek, Białostocki, Podlaskie	CASE 131	37930-85	NEGATIVE	POSITIVE					
12/11/2016	Zalesie, Biański, LUBELSKIE	CASE 135	38555	POSITIVE	POSITIVE	Pol16/WB-CASE 135	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
12/11/2016	Konstantynów, Biański, LUBELSKIE	CASE 136	38557-13	POSITIVE	POSITIVE	Pol16/WB-CASE 136	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
13/11/2016	Biała Podlaska, Podlaskie	CASE 129	37855	POSITIVE	POSITIVE	Pol16/WB-CASE 129	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
13/11/2016	Krynki, Sokolski, Podlaskie	CASE 132	37935-3	NEGATIVE	POSITIVE					
15/11/2016	Białowieża, Hajnowski, Podlaskie	CASE 137	38657-3	POSITIVE	POSITIVE	Pol16/WB-CASE 137	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
15/11/2016	Białowieża, Podlaskie	CASE 138	38885	POSITIVE	POSITIVE	Pol16/WB-CASE 138	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
16/11/2016	Janów Podlaski, Biański, LUBELSKIE	CASE 134	38551	POSITIVE	POSITIVE	Pol16/WB-CASE 134	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
16/11/2016	Janów Podlaski, Biański, LUBELSKIE	CASE 134	38552	POSITIVE	POSITIVE	Pol16/WB-CASE 134	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
16/11/2016	Janów Podlaski, Biański, LUBELSKIE	CASE 134	38553	POSITIVE	POSITIVE	Pol16/WB-CASE 134	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
17/11/2016	Czyże, Hajnowski, Podlaskie	CASE 144	39109-9	NEGATIVE	POSITIVE					
19/11/2016	Mielnik, Siemiatycki, Podlaskie	CASE 140	39237	POSITIVE	POSITIVE	Pol16/WB-CASE 140	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
21/11/2016	Janów Podlaski, Biański, LUBELSKIE	CASE 139	39032	POSITIVE	WEAK	Pol16/WB-CASE 139	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
21/11/2016	Nurzec Stacja, Siemiatycki, Podlaskie	CASE 141	39235	POSITIVE	NT	Pol16/WB-CASE 141	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
21/11/2016	Nurzec Stacja, Siemiatycki, Podlaskie	CASE 142	39236	POSITIVE	NEGATIVE	Pol16/WB-CASE 142	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
22/11/2016	Sarnaki, Losicki, MAZOWIECKIE-	CASE 143	39272	POSITIVE	POSITIVE	Pol16/WB-CASE 143	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
26/11/2016	Nurzec Stacja, Siemiatycki, Podlaskie	CASE 145	40185	POSITIVE	POSITIVE	Pol16/WB-CASE 145	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
26/11/2016	Mielnik, Siemiatycki, Podlaskie	CASE 146	40240-6	POSITIVE	POSITIVE	Pol16/WB-CASE 146	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
28/11/2016	Nurzec Stacja, Siemiatycki, Podlaskie	CASE 147	40678	POSITIVE	WEAK	Pol16/WB-CASE 147	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
29/11/2016	Zalesie, Biański, LUBELSKIE	CASE 148	40741-5	POSITIVE	POSITIVE	Pol16/WB-CASE 148	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
02/12/2016	Mielnik, Siemiatycki, Podlaskie	CASE 149	41312	POSITIVE	POSITIVE	Pol16/WB-CASE 149	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
03/12/2016	Nurzec Stacja, Podlaskie	CASE 150	41313	POSITIVE	WEAK	Pol16/WB-CASE 150	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
05/12/2016	Mielnik, Siemiatycki, Podlaskie	CASE 151	41314	POSITIVE	POSITIVE	Pol16/WB-CASE 151	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
10/12/2016	Zalesie, Biański, LUBELSKIE	CASE 152	42752-2	POSITIVE	POSITIVE	Pol16/WB-CASE 152	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
13/12/2016	Nurzec Stacja, Siemiatycki, Podlaskie	CASE 155	43278-2	NEGATIVE	POSITIVE					
13/12/2016	Czeremcha, Hajnowski, Podlaskie	CASE 156	43287	POSITIVE	POSITIVE	Pol16/WB-CASE 156	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
14/12/2016	Nurzec Stacja, Siemiatycki, Podlaskie	CASE 153	43135	POSITIVE	POSITIVE	Pol16/WB-CASE 153	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
14/12/2016	Mielnik, Siemiatycki, Podlaskie	CASE 154	43134	POSITIVE	NEGATIVE	Pol16/WB-CASE 154	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
16/12/2016	Narewka, Hajnowski, Podlaskie	CASE 157	43594-19	NEGATIVE	POSITIVE					
18/12/2016	Zalesie, Biański, LUBELSKIE	CASE 158	43585-77	POSITIVE	POSITIVE	Pol16/WB-CASE 158	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
19/12/2016	Stara Kornica, Losicki, MAZOWIECKIE-	CASE 159	43884	POSITIVE	POSITIVE	Pol16/WB-CASE 159	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
21/12/2016	Nurzec Stacja, Siemiatycki, Podlaskie	CASE 160	43987	POSITIVE	POSITIVE	Pol16/WB-CASE 160	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
21/12/2016	Nurzec Stacja, Siemiatycki, Podlaskie	CASE 160	43988	POSITIVE	POSITIVE					
22/12/2016	Zalesie, Biański, LUBELSKIE	CASE 161	44124	POSITIVE	NEGATIVE	Pol16/WB-CASE 161	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
27/12/2016	Rokitno, Bielski, LUBELSKIE-	CASE 162	44369-1	POSITIVE	NEGATIVE					
27/12/2016	Rokitno, Bielski, LUBELSKIE-	CASE 162	44369-2	POSITIVE	POSITIVE	Pol16/WB-CASE 162	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1
28/12/2016	Rokitno, Bielski, LUBELSKIE-	CASE 163	44368-2	POSITIVE	POSITIVE	Pol16/WB-CASE 163	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF -1

NT=NOT TESTED; WEAK= IPT Titre <1/80



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

ASF FINAL DIAGNOSTIC RESULT IN DOMESTIC PIGS									
OUTBREAK DATE	SAMPLE LABORATORY CODE			VIRUS DETECTION	ANTIBODY DETECTION	ASFV ISOLATE	GENOTYPING		
31/07/2016	Wysokie Mazowieckie, Podlaskie	OUTBREAK 5	19238	POSITIVE	NT				
31/07/2016	Wysokie Mazowieckie, Podlaskie	OUTBREAK 5	19258	POSITIVE	NT	Pol16/DP-OUT5	GII	CVR-1	IGR <sub>173R-1329L</sub> *-2 MGF -1
31/07/2016	Wysokie Mazowieckie, Podlaskie	OUTBREAK 5	19259	POSITIVE	NT				
31/07/2016	Wysokie Mazowieckie, Podlaskie	OUTBREAK 5	19260	POSITIVE	NT				MGF -1
04/08/2016	Mielnik, Siemiatycki, Podlaskie	OUTBREAK 6	19735	POSITIVE	POSITIVE	Pol16/DP-OUT6	GII	CVR-1	IGR <sub>173R-1329L</sub> *-2
05/08/2016	Mielnik, Siemiatycki, Podlaskie	OUTBREAK 6	19821-1	POSITIVE	WEAK <sup>1</sup>				
05/08/2016	Mielnik, Siemiatycki, Podlaskie	OUTBREAK 6	19821-2	POSITIVE	POSITIVE				
06/08/2016	Wysokie Mazowieckie, Podlaskie	OUTBREAK 9	19928-3	POSITIVE	NEGATIVE				
07/08/2016	Choroszcz, Białostocki, Podlaskie	OUTBREAK 7	19967	POSITIVE	NEGATIVE	Pol16/DP-OUT7	GII	CVR-1	IGR <sub>173R-1329L</sub> *-2 MGF -1
08/08/2016	Choroszcz, Białostocki, Podlaskie	OUTBREAK 7	19968	POSITIVE	NEGATIVE				
08/08/2016	Choroszcz, Białostocki, Podlaskie	OUTBREAK 7	19969	POSITIVE	NEGATIVE				
08/08/2016	Choroszcz, Białostocki, Podlaskie	OUTBREAK 7	19970-4	POSITIVE	NEGATIVE				
09/08/2016	Choroszcz, Białostocki, Podlaskie	OUTBREAK 7	20186	POSITIVE	NEGATIVE				
09/08/2016	Choroszcz, Białostocki, Podlaskie	OUTBREAK 7	20187	POSITIVE	NEGATIVE				
09/08/2016	Choroszcz, Białostocki, Podlaskie	OUTBREAK 7	20188-4	POSITIVE	NEGATIVE				
09/08/2016	Zambrów, Zambrowski, Podlaskie	OUTBREAK 8	20208-2	POSITIVE	NEGATIVE				
09/08/2016	Zambrów, Zambrowski, Podlaskie	OUTBREAK 8	20208-3	POSITIVE	WEAK				
10/08/2016	Sokoły, Wysokomazowiecki, Podlaskie	OUTBREAK 10	20539	POSITIVE	NEGATIVE	Pol16/DP-OUT10	GII	CVR-1	IGR <sub>173R-1329L</sub> *-2 MGF -1
10/08/2016	Sokoły, Wysokomazowiecki, Podlaskie	OUTBREAK 10	20540	POSITIVE	NEGATIVE				
10/08/2016	Sokoły, Wysokomazowiecki, Podlaskie	OUTBREAK 10	20541	POSITIVE	NEGATIVE				
10/08/2016	Sokoły, Wysokomazowiecki, Podlaskie	OUTBREAK 10	20801-7	POSITIVE	NEGATIVE				
10/08/2016	Zambrów, Podlaskie	OUTBREAK 8	20543	POSITIVE	POSITIVE	Pol16/DP-OUT8	GII	CVR-1	IGR <sub>173R-1329L</sub> *-2 MGF -1
10/08/2016	Wysokie Mazowieckie, Podlaskie	OUTBREAK 9	20535	POSITIVE	NEGATIVE				
10/08/2016	Wysokie Mazowieckie, Podlaskie	OUTBREAK 9	20536	POSITIVE	NEGATIVE				
10/08/2016	Wysokie Mazowieckie, Podlaskie	OUTBREAK 9	20538	POSITIVE	NEGATIVE	Pol16/DP-OUT9	GII	CVR-1	IGR <sub>173R-1329L</sub> *-2 MGF -1
10/08/2016	Wysokie Mazowieckie, Podlaskie	OUTBREAK 9	20533-1	NT	POSITIVE				
10/08/2016	Wysokie Mazowieckie, Podlaskie	OUTBREAK 9	20533-10	POSITIVE	NEGATIVE				
10/08/2016	Wysokie Mazowieckie, Podlaskie	OUTBREAK 9	20533-3	POSITIVE	NEGATIVE				
11/08/2016	Janów Podlaski, Białski, LUBELSKIE-	OUTBREAK 11	20633	POSITIVE	NEGATIVE	Pol16/DP-OUT11	GII	CVR-1	IGR <sub>173R-1329L</sub> *-2 MGF -1
11/08/2016	Janów Podlaski, Białski, LUBELSKIE-	OUTBREAK 11	20634	POSITIVE	NEGATIVE				
11/08/2016	Bielsk Podlaski, bielski, Podlaskie	OUTBREAK 12	20778	POSITIVE	NEGATIVE	Pol16/DP-OUT12	GII	CVR-1	IGR <sub>173R-1329L</sub> *-2 MGF -1
12/08/2016	Sokoły, Wysokomazowiecki, Podlaskie	OUTBREAK 10	20802	POSITIVE	NEGATIVE				
12/08/2016	Sokoły, Wysokomazowiecki, Podlaskie	OUTBREAK 10	20803	WEAK	NEGATIVE				
12/08/2016	Sokoły, Wysokomazowiecki, Podlaskie	OUTBREAK 10	20804	POSITIVE	NEGATIVE				
12/08/2016	Sokoły, Wysokomazowiecki, Podlaskie	OUTBREAK 10	20805	POSITIVE	NEGATIVE				
12/08/2016	Sokoły, Wysokomazowiecki, Podlaskie	OUTBREAK 10	20806	POSITIVE	NEGATIVE				
12/08/2016	Sokoły, Wysokomazowiecki, Podlaskie	OUTBREAK 10	20801-20	POSITIVE	NEGATIVE				
12/08/2016	Sokoły, Wysokomazowiecki, Podlaskie	OUTBREAK 10	20801-23	POSITIVE	NEGATIVE				
12/08/2016	Bielsk Podlaski, bielski, Podlaskie	OUTBREAK 12	21010-10	POSITIVE	NEGATIVE				
12/08/2016	Bielsk Podlaski, bielski, Podlaskie	OUTBREAK 12	21010-5	POSITIVE	NEGATIVE				
12/08/2016	Bielsk Podlaski, bielski, Podlaskie	OUTBREAK 12	21010-7	POSITIVE	NEGATIVE				
16/08/2016	Leśna Podlaska, Białski, LUBELSKIE-	OUTBREAK 13	21120-1	POSITIVE	NEGATIVE	Pol16/DP-OUT13	GII	CVR-1	IGR <sub>173R-1329L</sub> *-2 MGF -1
16/08/2016	Leśna Podlaska, Białski, LUBELSKIE-	OUTBREAK 13	21120-5	POSITIVE	POSITIVE				
16/08/2016	Leśna Podlaska, Białski, LUBELSKIE-	OUTBREAK 13	21120-6	POSITIVE	POSITIVE				
18/08/2016	Leśna Podlaska, Białski, LUBELSKIE-	OUTBREAK 14	21508	POSITIVE	NEGATIVE	Pol16/DP-OUT14	GII	CVR-1	IGR <sub>173R-1329L</sub> *-2 MGF -1
20/08/2016	Mielnik, Siemiatycki, Podlaskie	OUTBREAK 16	22047	POSITIVE	POSITIVE	Pol16/DP-OUT16	GII	CVR-1	IGR <sub>173R-1329L</sub> *-2 MGF -1
20/08/2016	Mielnik, Siemiatycki, Podlaskie	OUTBREAK 16	22049	POSITIVE	POSITIVE				
21/08/2016	Stara Kornica, Losicki, MAZOWIECKIE-	OUTBREAK 15	22042	POSITIVE	NEGATIVE	Pol16/DP-OUT15	GII	CVR-1	IGR <sub>173R-1329L</sub> *-2 MGF -1
23/08/2016	Nurzec Stacja, Siemiatycki, Podlaskie	OUTBREAK 17	22363	POSITIVE	NEGATIVE	Pol16/DP-OUT17	GII	CVR-1	IGR <sub>173R-1329L</sub> *-2 MGF -1
24/08/2016	Goniądz, Moniecki, Podlaskie	OUTBREAK 18	22923	POSITIVE	NEGATIVE	Pol16/DP-OUT18	GII	CVR-1	IGR <sub>173R-1329L</sub> *-2 MGF -1



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

24/08/2016	Goniądz, Moniecki, Podlaskie	OUTBREAK 18	22922-4	POSITIVE	NEGATIVE					
26/08/2016	Goniądz, Moniecki, Podlaskie	OUTBREAK 18	23547-1	POSITIVE	NEGATIVE					
26/08/2016	Goniądz, Moniecki, Podlaskie	OUTBREAK 18	23547-4	POSITIVE	NEGATIVE					
01/09/2016	Podlaska, Podlaskie	OUTBREAK 19	24543-7	POSITIVE	POSITIVE	Pol16/DP-OUT19	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF-1
01/09/2016	Podlaska, Podlaskie	OUTBREAK 19	24543-8	POSITIVE	POSITIVE					
08/09/2016	Stara Kornica, Losicki, MAZOWIECKIE-	OUTBREAK 20	26002	POSITIVE	NEGATIVE	Pol16/DP-OUT20	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF-1
25/09/2016	Leśna Podlaska, Bialski, LUBELSKIE-	OUTBREAK 21	28636-4	POSITIVE	POSITIVE	Pol16/DP-OUT21	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF-1
25/09/2016	Leśna Podlaska, Bialski, LUBELSKIE-	OUTBREAK 21	28636-5	POSITIVE	POSITIVE					
25/09/2016	Leśna Podlaska, Bialski, LUBELSKIE-	OUTBREAK 21	28636-9	POSITIVE	POSITIVE					
26/09/2016	Nurzec Stacja, Siemiatycki, Podlaskie	OUTBREAK 22	28707	POSITIVE	NEGATIVE	Pol16/DP-OUT22	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF-1
29/09/2016	Nurzec Stacja, Siemiatycki, Podlaskie	OUTBREAK 23	29413	POSITIVE	NEGATIVE	Pol16/DP-OUT23	GII	CVR-1	IGR <sub>173R-1329L</sub> -2	MGF-1
29/09/2016	Nurzec Stacja, Siemiatycki, Podlaskie	OUTBREAK 23	29415	POSITIVE	POSITIVE					

NT=NOT TESTED; WEAK= IPT Titre <1/80

**REFERENCES**

- Achenbach JE, Gallardo C, Nieto-Pelegrín E, Rivera-Arroyo B, Degefa-Negi T, Arias M, Jenberie S, Mulisa DD, Gizaw D, Gelaye E, Chibssa TR, Belaye A, Loitsch A, Forsa M, Yami M, Diallo A, Soler A, Lamien CE, Sánchez-Vizcaino JM. Identification of a New Genotype of African Swine Fever Virus in Domestic Pigs from Ethiopia. *Transbound Emerg Dis*. 2016 May 22. doi: 10.1111/tbed.12511.
- Boshoff, C.I., Bastos, A.D., Gerber, L.J. & Vosloo, W. (2007). Genetic characterisation of African swine fever viruses from outbreaks in southern Africa (1973-1999). *Vet. Microbiol.* 121, 45-55.
- Carmina Gallardo, Jovita Fernández-Pinero, Virginia Pelayo, Ismail Gazaev, Iwona Markowska-Daniel, Gediminas Pridotkas, Raquel Nieto, Paloma Fernández-Pacheco, Svetlana Bokhan, OlegNevolko, ZhannaDrozhzhe, Covadonga Pérez, Alejandro Soler, Denis Kolvasov, and Marisa Arias (2014). Genetic Variation among African Swine Fever Genotype II Viruses, Eastern and CeNTral Europe. *Emerg. Infect. Dis.* Volume 20, Number 9—September 2014.
- Elsukova, Aleksandra; Shevchenko, Ivan; Varentsova, Alisa; Zinyakov, Nikolay; Igolkin, Aleksey; Vlasova, Natalia. *African swine fever (ASF), intergenic region, 9R/10R, NGS, tandem repeat sequences in the intergenic region MGF 505 9R/10R is a new marker of the genetic variability among ASF Genotype II viruses*™, EPIZONE, 10th Annual Meeting, 27-29 September 2016, MADRID, SPAIN
- Fernández-Pinero J, Gallardo C, Elizalde M, Robles A, Gómez C, Bishop R, Heath L, Couacy-Hymann E, Fasina FO, Pelayo V, Soler A, Arias M. Molecular diagnosis of African swine fever by a new real-time PCR using universal probe library (2013). *Transbound Emerg Dis* 60 (2013) 48–58. doi: 10.1111/j.1865-1682.2012.01317.x. Epub 2012 Mar 7.
- Gallardo C, Anchuelo R, Pelayo V, Poudevigne F, Leon T, Nzoussi J, Bishop R, Pérez C, Soler A, Nieto R, Martín H, Arias M. (2011). African swine fever virus p72 genotype IX in domestic pigs, Congo. *Emerg. Infect. Dis.* Aug; 17(8):1556-8.
- Goller KV, Malogolovkin AS, Katorkin S, Kolbasov D, Titov I, Höper D, et al. Tandem repeat insertion in African swine fever virus, Russia, 2012 [letter]. *Emerg Infect Dis.* 2015 Apr [date cited]. <http://dx.doi.org/10.3201/eid2104.141792>
- OIE. May 2012, posting date. Chapter 2.8.1. African swine fever. In *Manual of diagnostic tests and vaccines for terrestrial animals* 2012. World Organization for Animal Health, Paris, France. [http://www.oie.int/fileadmin/Home/eng/Health\\_standards/tahm/2.08.01\\_ASF.pdf](http://www.oie.int/fileadmin/Home/eng/Health_standards/tahm/2.08.01_ASF.pdf)

In Valdeolmos. Madrid (Spain), 24th May 2017

**Dr. Carmina Gallardo Frontaura**  
Researcher, Laboratory Coordinator  
EU Reference Laboratory for ASF  
INIA-CISA

**Dr. Marisa Arias Neira**  
Technical Director  
EU Reference Laboratory for ASF  
INIA-CISA

Approval **Dr. Marisa Arias Neira**  
Technical Director  
INIA-CISA

This report shall not be reproduced, except in its entirety, without the written approval of INIA-CISA. The results provided are only related to the samples received. INIA-CISA accepts no responsibility for improper use of this report.