Dr. Maciej Frant
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Feedback on XIX ASF Inter-laboratory Comparison Test (ILCT) 2022

Dear Dr. Frant:

This is to confirm the participation of the **Swine Disesase Department of the NVRI-NRl for ASF, (laboratory designation code 23)** in the XIX ILCT 2021-2022 for African Swine fever disease (ASF), organised by the European Union Reference Laboratory (EURL) for ASF with the support of DG SANTÉ. The panel of samples included 16 serum samples, coded as S1 to S16, and 4 tissue samples, coded as T1 to T4, which were distributed for testing the presence of ASF.

A detailed report about the analyses of your results is attached in the annexed *23-ASF$_{ILCT22}$ report.* Comments and recommendations for each test that your laboratory performed for the ASF ILCT 2022 are showed below:

1. **ASF antibody detection results:** your laboratory used two different commercial ELISAs: ®INGENASA-INGEZIM PPA COMPAC K3 and ID Screen ASF Indirect IDVet® for ASF antibody detection in serum samples plus the immunoblotting (IB) and the indirect immunoperoxidase test (EURL-IPT) as confirmatory techniques. **Your results were correct and 'as expected' in positive and negative serum samples indicating that the assay systems that you are using are 'fit for purpose' for the detection of antibodies against ASFV.** Different results obtained in weak positive samples S5 and S6 have not been considered since a correct ASF final diagnostic conclusion has been provided combining both ASF virus and antibody detection tests.

2. **ASF virus detection results:** your laboratory used three real time PCR methods, i) the UPL-real time PCR, ii) the commercial real time PCR "Virotype® ASFV PCR Kit Qiagen", and iii) the ID Gene™ African Swine Fever Duplex, IDVET GENETISC. Two different extraction methods were assayed, comprising the QIAmp DNA Mini Kit and QIAcube HT. **Your results were correct and 'as expected' in serum and tissue samples indicating that the assay systems that you are using are 'fit for purpose' for the detection of the ASF virus.**

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The ASF final diagnostic conclusion provided in each of the samples included in the XIX ASF ILCT 2022 has been correct and in line with our expectations. From these results the EU Reference Laboratory for ASF informs that the diagnostic procedures that you are using are 'fit for purpose' to give a correct diagnosis of ASF.

Please contact us if you feel the results for your laboratory have been incorrectly interpreted. Furthermore, also contact us if you require any further information or assistance regarding recommended follow-up and corrective actions arising from the ILCT.

In Valdeolmos, Madrid, Spain, at 18th April 2022

Yours sincerely,

Dr. Carmina Gallardo,
Researcher, Laboratory Coordinator
EU reference laboratory for ASF
INIA-CISA/CSIC

European Union Reference Laboratory for African Swine Fever
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