Dr. Grzegorz Woźniakowski
Veterinærinstituttet/National Veterinary Institute
Al. Partyzantow 57, 24-100 Pulawy. Poland
tel. 0048818863051; fax: 0048818862595
Email: grzegorz.wozniakowski@piwet.pulawy.pl

Feedback on XV ASF Inter-laboratory Comparison Test (ILCT) 2018

Dear Dr. Woźniakowski:

This is to confirm the participation of the **National Veterinary Research Institute [NVRI], Poland, (laboratory designation code 23)** in the XV ILCT 2017-2018 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 13 serum samples, coded as S1 to S13, and 6 tissue samples, coded as T1 to T6, which were distributed for testing the presence of ASF.

The test results obtained by the different participating laboratories will be presented and discussed at the "**Workshop on Laboratory Diagnosis of African and Classical Swine Fever (ASF and CSF)"** that will be held in Hannover, Germany, at 29th-30th May 2018, with the participation of the EU´s National Swine Fever Reference Laboratories (NRLs) and third countries. A final report of this Meeting will be available at the EURL web page on July 2018.

A detailed report about the analyses of your results is attached in the annexed *23-ASF$_{ILCT18}$ report.* Comments and recommendations for each test that your laboratory performed for the ASF ILCT 2018 are showed below:

1. **ASF antibody detection results:** for ASF antibody detection in serum samples your laboratory used the commercial blocking ELISA ®INGENASA-INGEZIM PPA COMPAC K3 and the IDVET- indirect ELISA kit (ID Screen® African Swine Fever Indirect). The indirect immunoperoxidase (IPT) and the Immunoblotting (IB) were used as confirmatory tests. **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.**

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. Different extraction methods were assayed comprising the QIAmp DNA Mini Kit and The High Pure PCR Template. With the UPL real time and the IDVET commercial kits a false positive result was provided in the negative tissue samples T1. The **PCR results submitted using the DNA extraction QIAmp DNA Mini Kit and the commercial real time PCR "Virotype® ASFV PCR Kit Qiagen 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 in field samples.** Different results obtained in two out of three weak positive samples were not considered since a correct final diagnostic conclusion was provided combining both antibody and virus detection tests.

The ASF final diagnostic conclusion provided in each of the samples included in the XV ASF ILCT 2018 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 24th April 2018

Yours sincerely,

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

European Union Reference Laboratory for African Swine Fever
Centro de Investigación en Sanidad Animal – CISA –
Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria, - INIA-
28130 Valdeolmos, Madrid-SPAIN, Tel. (+34) 91 620 2300; Fax. (+34) 91 620 22 47,
Gallardo@inia.es ; eurl.asf@inia.es