WOAH Reference Laboratory Reports Activities 2022

Activities in 2022
This report has been submitted: 31 mai 2023 09:39

Laboratory Information

| Name of disease (or topic) for which you are a designated WOAH Reference Laboratory: | Classical swine fever |
| Address of laboratory: | National Veterinary Research Institute, Partyzantow 57 Str., 24-100 Pulawy, Poland |
| Tel.: | +48 81 889 30 00 |
| E-mail address: | sekretariat@piwet.pulawy.pl |
| Website: | https://www.piwet.pulawy.pl/ |
| Name (including Title of Head of Laboratory (Responsible Official)): | Professor Stanisław Winiarczyk, DVM, PhD, ScD |
| Name (including Title and Position) of WOAH Reference Expert: | Katarzyna Podgór ska MSc, PhD, Assistant Professor |
| Which of the following defines your laboratory? Check all that apply: | Governmental |

TOR1: DIAGNOSTIC METHODS

1. Did your laboratory perform diagnostic tests for the specified disease/topic for purposes such as disease diagnosis, screening of animals for export, surveillance, etc.? (Not for quality control, proficiency testing or staff training)
Yes

<table>
<thead>
<tr>
<th>Diagnostic Test</th>
<th>Indicated in WOAH Manual (Yes/No)</th>
<th>Total number of test performed last year</th>
<th>Nationally</th>
<th>Internationally</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indirect diagnostic tests</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELISA</td>
<td>Yes</td>
<td>6726</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>VNT (NPLA)</td>
<td>Yes</td>
<td>11</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

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**TOR2: REFERENCE MATERIAL**

2. Did your laboratory produce or supply imported standard reference reagents officially recognised by WOAH?
   No

3. Did your laboratory supply standard reference reagents (non-WOAH-approved) and/or other diagnostic reagents to WOAH Members?
   Yes

<table>
<thead>
<tr>
<th>TYPE OF REAGENT AVAILABLE</th>
<th>RELATED DIAGNOSTIC TEST</th>
<th>PRODUCED/PROVIDE</th>
<th>AMOUNT SUPPLIED NATIONALLY (ML, MG)</th>
<th>AMOUNT SUPPLIED INTERNATIONALLY (ML, MG)</th>
<th>NO. OF RECIPIENT WOAH MEMBER COUNTRIES</th>
<th>COUNTRY OF RECIPIENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>RNA of CSFV strain</td>
<td>RT-PCR</td>
<td>produced &amp; provided</td>
<td>0</td>
<td>1 mL</td>
<td>1</td>
<td>Europe</td>
</tr>
<tr>
<td>Serum positive for CSFV-specific antibodies</td>
<td>ELISA/VNT</td>
<td>produced &amp; provided</td>
<td>21 mL</td>
<td>0</td>
<td>1</td>
<td>Europe</td>
</tr>
<tr>
<td>Serum negative for CSFV-specific antibodies</td>
<td>ELISA/VNT</td>
<td>produced &amp; provided</td>
<td>18 mL</td>
<td>0</td>
<td>1</td>
<td>Europe</td>
</tr>
</tbody>
</table>

4. Did your laboratory produce vaccines?
   No

5. Did your laboratory supply vaccines to WOAH Members?
   No

**TOR3: NEW PROCEDURES**

6. Did your laboratory develop new diagnostic methods for the designated pathogen or disease?
   No

7. Did your laboratory validate diagnostic methods according to WOAH Standards for the designated pathogen or disease?
   No

8. Did your laboratory develop new vaccines for the designated pathogen or disease?
   No

9. Did your laboratory validate vaccines according to WOAH Standards for the designated pathogen or disease?
   No

**TOR4: DIAGNOSTIC TESTING FACILITIES**

10. Did your laboratory carry out diagnostic testing for other WOAH Members?
    No

11. Did your laboratory provide expert advice in technical consultancies on the request of an WOAH Member?
    Yes
**NAME OF THE WOAH MEMBER COUNTRY RECEIVING A TECHNICAL CONSULTANCY**

<table>
<thead>
<tr>
<th>Country</th>
<th>Purpose</th>
<th>How the Advice was Provided</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARGENTINA</td>
<td>Serological diagnostics of CSF</td>
<td>Remote</td>
</tr>
</tbody>
</table>

**TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES**

12. Did your laboratory participate in international scientific studies in collaboration with WOAH Members other than the own?

No

**TOR6: EPIZOOLOGICAL DATA**

14. Did your Laboratory collect epidemiological data relevant to international disease control?

Yes

**IF THE ANSWER IS YES, PLEASE PROVIDE DETAILS OF THE DATA COLLECTED:**

Surveillance of the swine and wild boar population for the presence of CSF in Poland.

15. Did your laboratory disseminate epidemiological data that had been processed and analysed?

Yes

**IF THE ANSWER IS YES, PLEASE PROVIDE DETAILS OF THE DATA COLLECTED:**

Prioritisation analysis in relation to other swine diseases; gap analysis regarding diagnostics, vaccines and therapeutics; results of passive and active surveillance reported annually to the European Union Reference Laboratory for CSF.

16. What method of dissemination of information is most often used by your laboratory? (Indicate in the appropriate box the number by category and list the details in the box)

a) Articles published in peer-reviewed journals:

1


b) International conferences:

0

c) National conferences:

0

**TOR7: SCIENTIFIC AND TECHNICAL TRAINING**

17. Did your laboratory provide scientific and technical training to laboratory personnel from other WOAH Members?
No

**TOR8: QUALITY ASSURANCE**

18. Does your laboratory have a Quality Management System?
Yes

<table>
<thead>
<tr>
<th>Quality management system adopted</th>
<th>Certificate scan (PDF, JPG, PNG format)</th>
</tr>
</thead>
</table>

19. Is your quality management system accredited?
Yes

<table>
<thead>
<tr>
<th>Test for which your laboratory is accredited</th>
<th>Accreditation body</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELISA</td>
<td>Polish Centre for Accreditation</td>
</tr>
<tr>
<td>RT-PCR</td>
<td>Polish Centre for Accreditation</td>
</tr>
<tr>
<td>VNT</td>
<td>Polish Centre for Accreditation</td>
</tr>
</tbody>
</table>

20. Does your laboratory maintain a "biorisk management system" for the pathogen and the disease concerned?
Yes

**TOR9: SCIENTIFIC MEETINGS**

21. Did your laboratory organise scientific meetings related to the pathogen in question on behalf of WOAH?
No

22. Did your laboratory participate in scientific meetings related to the pathogen in question on behalf of WOAH?
No

**TOR10: NETWORK WITH WOAH REFERENCE LABORATORIES**

23. Did your laboratory exchange information with other WOAH Reference Laboratories designated for the same pathogen or disease?
Yes

24. Are you a member of a network of WOAH Reference Laboratories designated for the same pathogen?
Yes
25. Did you organise or participate in inter-laboratory proficiency tests with WOAH Reference Laboratories designated for the same pathogen?
Yes

<table>
<thead>
<tr>
<th>PURPOSE OF THE PROFICIENCY TESTS: 1</th>
<th>ROLE OF YOUR REFERENCE LABORATORY (ORGANISER/PARTICIPANT)</th>
<th>NO. PARTICIPANTS</th>
<th>PARTICIPATING WOAH REF. LABS/ ORGANISING WOAH REF. LAB.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Validation of a diagnostic protocols: RT–PCR, virus neutralisation assay, virus isolation, ELISA</td>
<td>participant</td>
<td>39</td>
<td>Organised by the WOAH Reference Laboratory - University of Veterinary Medicine of Hannover, Department of Infectious Diseases, Institute of Virology</td>
</tr>
</tbody>
</table>

26. Did your laboratory collaborate with other WOAH Reference Laboratories for the same disease on scientific research projects for the diagnosis or control of the pathogen of interest?
No

**TOR11: OTHER INTERLABORATORY PROFICIENCY TESTING**

27. Did your laboratory organise or participate in inter-laboratory proficiency tests with laboratories other than WOAH Reference Laboratories for the same pathogen?
Yes

<table>
<thead>
<tr>
<th>Purpose for inter-laboratory test comparisons</th>
<th>Role of your reference laboratory (organizer/participant)</th>
<th>No. participating laboratories</th>
<th>Region(s) of participating WOAH Member Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Validation of a diagnostic protocol: ELISA, organized for national state laboratories</td>
<td>organizer</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

**TOR12: EXPERT CONSULTANTS**

28. Did your laboratory place expert consultants at the disposal of WOAH?
No

29. Additional comments regarding your report:
Yes
Classical swine fever is absent in the region and no requests for international testing nor trainings were submitted within the reported time period. The laboratory is fully prepared to provide the infrastructure, resources and expertise for the international testing or training if required.