WOAH Reference Laboratory Reports Activities 2022

Activities in 2022

This report has been submitted : 25 avril 2023 16:29

**Laboratory Information**

| Name of disease (or topic) for which you are a designated WOAH Reference Laboratory: | Porcine reproductive and respiratory syndrome |
| 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 Podgórska 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>
</tr>
</thead>
<tbody>
<tr>
<td>Indirect diagnostic tests</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELISA</td>
<td>YES</td>
<td>Nationally: 4585</td>
</tr>
<tr>
<td>Direct diagnostic tests</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RT-PCR</td>
<td>YES</td>
<td>Nationally: 452</td>
</tr>
</tbody>
</table>
**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 PRRSV strains</td>
<td>RT-PCR</td>
<td>procuced &amp; provided</td>
<td>0</td>
<td>1 ml</td>
<td>1</td>
<td>Europe</td>
</tr>
<tr>
<td>Serum positive for PRRSV-specific antibodies</td>
<td>ELISA/IPMA</td>
<td>procuced &amp; provided</td>
<td>0</td>
<td>10 ml</td>
<td>1</td>
<td>Europe</td>
</tr>
<tr>
<td>Serum negative for PRRSV-specific antibodies</td>
<td>ELISA/IPMA</td>
<td>procuced &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?
Yes
11. Did your laboratory provide expert advice in technical consultancies on the request of an WOAH Member?

Yes

<table>
<thead>
<tr>
<th>MEMBER COUNTRY SEEKING ASSISTANCE</th>
<th>DATE</th>
<th>TEST USED</th>
<th>FOR PROVISION OF DIAGNOSTIC SUPPORT</th>
<th>CONFIRMATORY DIAGNOSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>HONG KONG</td>
<td>2022-07-30</td>
<td>RT-PCR</td>
<td>0</td>
<td>4</td>
</tr>
</tbody>
</table>

**NAME OF THE WOAH MEMBER COUNTRY RECEIVING A TECHNICAL CONSULTANCY**

<table>
<thead>
<tr>
<th>PURPOSE</th>
<th>HOW THE ADVICE WAS PROVIDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protocols for serological diagnosis PRRS</td>
<td>Remote</td>
</tr>
<tr>
<td>Pooling of samples for PRRSV diagnosis</td>
<td>Remote</td>
</tr>
<tr>
<td>Serological diagnostics of PRRSV</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:**

Monitoring of PRRSV infections 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 PRRS monitoring in swine herds in Poland.

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

Katarzyna Podgórńska - Porcine reproductive and respiratory syndr - POLAND


b) International conferences:

0

c) National conferences:

0

d) Other (Provide website address or link to appropriate information):

1
Annual report on the national surveillance for PRRS, submitted to the Ministry of Agriculture and Rural Development, Poland

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>
</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?  
No

24. Are you a member of a network of WOAH Reference Laboratories designated for the same pathogen?  
No

25. Did you organise or participate in inter-laboratory proficiency tests with WOAH Reference Laboratories designated for the same pathogen?  
No

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?  
No

**TOR12: EXPERT CONSULTANTS**

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

29. Additional comments regarding your report:  
Yes

*In 2022 4 samples for international diagnostics were submitted to the laboratory, and there was not equest for international trainings. The porcine reproductive and respiratory syndrome is endemic in most of pig producing countries, and a network of reliable diagnostic laboratories providing diagnostic is well developed. The laboratory is fully prepared to provide the infrastructure and expertise for international testing and training if required.*