WOAH Reference Laboratory Reports Activities 2022

Activities in 2022

This report has been submitted: 8 mars 2023 09:36

Laboratory Information

| Name of disease (or topic) for which you are a designated WOAH Reference Laboratory: |
| Address of laboratory: |
| Tel.: |
| E-mail address: |
| Website: |

| Name (including Title) of Head of Laboratory (Responsible Official): |
| Name (including Title and Position) of WOAH Reference Expert: |

Which of the following defines your laboratory? Check all that apply:

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>Direct diagnostic tests</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MG Bacteriological culture</td>
<td>yes</td>
<td>Nationally: 416</td>
</tr>
<tr>
<td>Real-Time PCR</td>
<td>yes</td>
<td>Nationally: 424</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>Plate test antigen</td>
<td>Rapid plate test</td>
<td>Produced</td>
<td>980 ml</td>
<td></td>
<td></td>
<td></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? 
Yes

<table>
<thead>
<tr>
<th>NAME OF THE NEW TEST OR DIAGNOSTIC METHOD DEVELOPED</th>
<th>DESCRIPTION AND REFERENCES (PUBLICATION, WEBSITE, ETC.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mg prob based Real Time PCR /validation</td>
<td>OIE Terrestrial Manual 2021, Chapter 3.3.5</td>
</tr>
</tbody>
</table>

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? 
No

**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**

WOAH Reference Laboratory Reports Activities 2022
14. Did your Laboratory collect epidemiological data relevant to international disease control?
No

15. Did your laboratory disseminate epidemiological data that had been processed and analysed?
No

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:

*Isolation of Mycoplasma spp. from Geese with Pneumonia and Identification of Microbial Isolates via Molecular Methods, Brazilian Journal of Poultry Science, 24(1), 2022, 10.1590/1806-9061-2021-1522  
DOI: 10.1590/1806-9061-2021-1522*

b) International conferences:

*c) National conferences:

* XV. National Veterinary Microbiology Congress with International Participants, 26-28 Oct. 2022, Sanliurfa/TURKEY. Investigation on Presence of Mycoplasma iowae At Hatchery and Poultry Breeding Farms by Bacteriological and Molecular Techniques*

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

**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>
<tbody>
<tr>
<td>EN ISO/IEC 17025</td>
<td>PDF</td>
</tr>
<tr>
<td></td>
<td>Accreditation Certificate.pdf</td>
</tr>
</tbody>
</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>Isolation and identification of Mycoplasma gallisepticum</td>
<td>TURKAK</td>
</tr>
<tr>
<td>Table</td>
<td>Description</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
</tr>
<tr>
<td>Isolation and identification of Mycoplasma meleagridis</td>
<td>TURKAK</td>
</tr>
<tr>
<td>Diagnosis of Mycoplasma gallisepticum by Real-Time PCR</td>
<td>TURKAK</td>
</tr>
<tr>
<td>Diagnosis of Contagious agalactiae by PCR</td>
<td>TURKAK</td>
</tr>
<tr>
<td>Diagnosis of Mccp using competitive ELISA</td>
<td>TURKAK</td>
</tr>
<tr>
<td>Diagnosis of Contagious caprine pleuropneumoniae by PCR</td>
<td>TURKAK</td>
</tr>
</tbody>
</table>

20. Does your laboratory maintain a “biorisk management system” for the pathogen and the disease concerned?
Yes
See Manual of Diagnostic tests and Vaccines for Terrestrial Animals, Chapter 1.1.4

**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
- Dr. Hanna MARTI (Institute of Veterinary Pathology
Postdoctoral Researcher at University of Zurich) a training plan on Mycoplasma sp. isolation and identification to be implemented in 2023.
- In 2022, 1000 doses of Mg plate test antigen were produced in the laboratory and sent to national laboratories upon request.