WOAH Reference Laboratory Reports Activities 2022

Activities in 2022
This report has been submitted: 24 avril 2023 17:09

**Laboratory Information**

| Name of disease (or topic) for which you are a designated WOAH Reference Laboratory: | Ovine Epydidimitis (Infection with Brucella ovis) |
| Address of laboratory: | Istituto Zooprofilattico Sperimentale dell’Abruzzo e del Molise, Via Campo Boario 64100 Teramo ITALY |
| Tel.: | +39 085 54308 |
| E-mail address: | f.demassis@izs.it |
| Website: | www.izs.it |
| Name (including Title) of Head of Laboratory (Responsible Official): | Dr Nicola D’Alterio, DVM, Director General |
| Name (including Title and Position) of WOAH Reference Expert: | Dr Fabrizio De Massis, DVM, Head of Branch Laboratory |
| Which of the following defines your laboratory? Check all that apply: | Governmental Research agency |

**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><strong>Indirect diagnostic tests</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. ovis CFT</td>
<td>Yes</td>
<td>100</td>
</tr>
<tr>
<td>I-ELISA</td>
<td>Yes</td>
<td>0</td>
</tr>
<tr>
<td><strong>Direct diagnostic tests</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Primary Culture</td>
<td></td>
<td>79</td>
</tr>
<tr>
<td>Identification</td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>

WOAH Reference Laboratory Reports Activities 2022
**TOR2: REFERENCE MATERIAL**

2. Did your laboratory produce or supply imported standard reference reagents officially recognised by WOAH?
   Yes

<table>
<thead>
<tr>
<th>TYPE OF REAGENT AVAILBLE</th>
<th>RELATED DIAGNOSTIC TESTING</th>
<th>PRODUCED/IMPORTED</th>
<th>QUANTITY SUPPLIED NATIONWIDE (ML, MG)</th>
<th>QUANTITY SUPPLIED AT INTERNATIONAL LEVEL (ML, MG)</th>
<th>NAME OF BENEFICIARY WOAH MEMBER COUNTRIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>B. ovis antigen (CFT)</td>
<td>CFT</td>
<td>Provided (45 ml)</td>
<td>45 ml</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>B. ovis positive control serum (CFT)</td>
<td>B. ovis CFT</td>
<td>Provided (17,5 ml)</td>
<td>17,5</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>TYPE OF REAGENT AVAILBLE</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>B. ovis antigen (CFT)</td>
<td>CFT</td>
<td>Provided (45 ml)</td>
<td>45 ml</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>B. ovis positive control serum (CFT)</td>
<td>B. ovis CFT</td>
<td>Provided (17,5 ml)</td>
<td>17,5</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

4. Did your laboratory produce vaccines?
   Not applicable

5. Did your laboratory supply vaccines to WOAH Members?
   Not applicable

**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?
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**

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:

   b) International conferences:

   c) National conferences:

   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
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>Complement Fixation test (CFT) for B. ovis</td>
<td>ACCREDIA (member of EA, IAF and ILAC)</td>
</tr>
<tr>
<td>Brucella spp. Isolation</td>
<td>ACCREDIA (member of EA, IAF and ILAC)</td>
</tr>
<tr>
<td>Brucella Spp. PCR</td>
<td>ACCREDIA (member of EA, IAF and ILAC)</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?
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:
No