WOAH Reference Laboratory Reports Activities 2023
Activities in 2023
This report has been submitted: 28 juin 2024 18:07

Laboratory Information

Name of disease (or topic) for which you are a designated WOAH Reference Laboratory:
Brucellosis (Brucella abortus, B. melitensis, B. suis)

Address of laboratory:
French Agency for Food, Environmental & Occupational Health & Safety (ANSES) Animal Health Laboratory - Bacterial Zoonoses Unit 14 rue Pierre et Marie Curie F-94701 Maisons-Alfort Cedex FRANCE

Tel:
0619817740

E-mail address:
claire.ponsart@anses.fr

Website:
www.anses.fr ; https://eurl-brucellosis.anses.fr/

Name (including Title) of Head of Laboratory (Responsible Official):
Dr Stéphan Zientara Director of the Animal Health Laboratory

Name (including Title and Position) of WOAH Reference Expert:
Dr Claire PONSART Head of the Bacterial Zoonoses Unit

Which of the following defines your laboratory? Check all that apply:
Dr Claire PONSART DVM, PhD, Head of Bacterial Zoonoses Unit, ANSES Governmental

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 (nonWOAH-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>B. ovis standard Serum (EUBoSS)</td>
<td>B. ovis CFT</td>
<td>Produced</td>
<td>0</td>
<td>3 vials (1 ml)</td>
<td>2</td>
<td>AUSTRIA, LITHUANIA,</td>
</tr>
<tr>
<td>B. ovis Positive Control</td>
<td>B. ovis CFT / iELISA</td>
<td>Produced</td>
<td>18 vials (2 ml)</td>
<td>3 vials (1 ml)</td>
<td>2</td>
<td>AUSTRIA, FRANCE,</td>
</tr>
<tr>
<td>B. ovis Negative Serum</td>
<td>B. ovis iELISA</td>
<td>B. ovis iELISA</td>
<td>12 vials (0.5 ml)</td>
<td>3 vials (1 ml)</td>
<td>1</td>
<td>FRANCE,</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?

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>Initial validation of a B. ovis iELISA</td>
<td><a href="https://www.idexx.fr/fr/livestock/livestock-tests/ruminant-tests/idexx-">https://www.idexx.fr/fr/livestock/livestock-tests/ruminant-tests/idexx-</a></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?
    Yes

<table>
<thead>
<tr>
<th>NAME OF WOAH MEMBER COUNTRY SEEKING ASSISTANCE</th>
<th>DATE</th>
<th>WHICH DIAGNOSTIC TEST USED</th>
<th>NO. SAMPLES RECEIVED FOR PROVISION OF DIAGNOSTIC SUPPORT</th>
<th>NO. SAMPLES RECEIVED FOR PROVISION OF CONFIRMATORY DIAGNOSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>DENMARK</td>
<td>2023-04-30</td>
<td>B. ovis CFT</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>ICELAND</td>
<td>2023-03-31</td>
<td>B. ovis CFT</td>
<td>25</td>
<td>0</td>
</tr>
<tr>
<td>SWEDEN</td>
<td>2023-04-30</td>
<td>B. ovis CFT</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>SWEDEN</td>
<td>2023-11-30</td>
<td>B. ovis CFT</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>SWITZERLAND</td>
<td>2023-02-28</td>
<td>B. ovis CFT</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

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?
    Yes

<table>
<thead>
<tr>
<th>Title of the study</th>
<th>Duration</th>
<th>PURPOSE OF THE STUDY</th>
<th>PARTNERS (INSTITUTIONS)</th>
<th>WOAH MEMBER COUNTRIES INVOLVED OTHER THAN YOUR COUNTRY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Validation PT of B. ovis iELISA</td>
<td>3 months</td>
<td>Reproducibility of results (AGES, INIAV)</td>
<td>AUSTRIA PORTUGAL</td>
<td></td>
</tr>
</tbody>
</table>

13. In exercising your activities, have you identified any regulatory research needs* relevant for WOAH?
    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

<table>
<thead>
<tr>
<th>Quality management system adopted</th>
<th>Certificate scan (PDF, JPG, PNG format)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 17025</td>
<td>pdf</td>
</tr>
<tr>
<td></td>
<td>1-2246.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>CFT B. ovis</td>
<td>COFRAC (member of EA and ILAC)</td>
</tr>
</tbody>
</table>

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

Protocols are in place in order to ensure biosecurity and biosafety. A biorisk officer is responsible for the biorisk management system.

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. Do you network (collaborate or share information) with other WOAH Reference Laboratories designated for the same pathogen? Yes

<table>
<thead>
<tr>
<th>NETWORK/DISEASE</th>
<th>ROLE OF YOUR LABORATORY (PARTICIPANT, ORGANISER, ETC)</th>
<th>NO. PARTICIPANTS</th>
<th>PARTICIPATING WOAH REF. LABS</th>
</tr>
</thead>
<tbody>
<tr>
<td>EURL workprogramme 2023-2024</td>
<td>Sharing information about B. ovis testing / validation PT of iELISA</td>
<td>35</td>
<td>FLI IZSAM</td>
</tr>
</tbody>
</table>

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?  
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>Name of the Test</th>
<th>WOAH Member Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial validation of B. ovis iELISA</td>
<td>Organizer</td>
<td>5</td>
<td>Test IDEXX Brucella ovis Ab</td>
<td>AUSTRIA, FRANCE, PORTUGAL,</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:  
No