WOAH Reference Laboratory Reports Activities 2023
Activities in 2023
This report has been submitted: 30 avril 2024 12:57

Laboratory Information

<table>
<thead>
<tr>
<th>Name of disease (or topic) for which you are a designated WOAH Reference Laboratory:</th>
<th>Contagious Equine Metritis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address of laboratory:</td>
<td>APHA Penrith, Merrythought, Calthwaite, CA11 9RR, United Kingdom</td>
</tr>
<tr>
<td>Tel:</td>
<td>+443000600012</td>
</tr>
<tr>
<td>E-mail address:</td>
<td><a href="mailto:laura.florea@apha.gov.uk">laura.florea@apha.gov.uk</a></td>
</tr>
<tr>
<td>Website:</td>
<td></td>
</tr>
</tbody>
</table>

| Name (including Title) of Head of Laboratory (Responsible Official): | Jason Sawyer PhD |
| Name (including Title and Position) of WOAH Reference Expert: | Laura Florea, Veterinary Investigation Officer |
| 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>Direct diagnostic tests</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Culture</td>
<td>Yes</td>
<td>5124 Internationally 0</td>
</tr>
<tr>
<td>PCR</td>
<td>No</td>
<td>347 Internationally 0</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 (nonWOAH-approved) and/or other diagnostic reagents to WOAH Members?
No

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

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:

3


b) International conferences:

1

European CEM Workshop in Maisons-Alfort on October 12, 2023 – presentation by Dr Ian Mawhinney

c) National conferences:

0

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

4

Quarterly Report to Equine Infectious Disease Surveillance (https://equinesurveillance.org/landing/)
**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>
<th>Accreditation body</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 17025</td>
<td>ISO 17025.pdf</td>
<td></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>CEMO culture</td>
<td>UKAS</td>
</tr>
<tr>
<td>CEMO PCR</td>
<td>UKAS</td>
</tr>
</tbody>
</table>

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

The Penrith APHA laboratory, which the Contagious Equine Metritis (CEM) national reference laboratory (NRL) is part of, has an auditable and fully working biological risk management system in place which ensures the whole laboratory is in compliance with applicable local, national, regional, and international standards and requirements for biosafety and laboratory biosecurity (in accordance with the WOAH Terrestrial Manual, Chapter 1.1.4). It also follows local Risk Assessments, Health and Safety regulations/ guidance and Standard Operating Procedures and it is audited periodically by HSE (Health and Safety Executive, UK).

**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?
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?
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>PT0102 (non-UK labs): Taylorella</td>
<td></td>
<td></td>
<td>WOAH Reference Laboratory Reports Activities 2023</td>
<td>BELGIUM, CANADA, DENMARK, FRANCE, HONG</td>
</tr>
</tbody>
</table>
### PT0102 (non-UK labs): Taylorella equigenitalis ring trial

<table>
<thead>
<tr>
<th>Role</th>
<th>Participants</th>
<th>Methods</th>
<th>Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organiser/ participant</td>
<td>18</td>
<td>Culture and PCR</td>
<td>KONG, KOREA (DEM. PEOPLE’S REP. OF), PORTUGAL, SOUTH AFRICA, SPAIN, SWEDEN, UNITED STATES OF AMERICA,</td>
</tr>
</tbody>
</table>

### PT0104 (non-UK labs): Taylorella equigenitalis, Klebsiella and Pseudomonas

<table>
<thead>
<tr>
<th>Role</th>
<th>Participants</th>
<th>Methods</th>
<th>Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organiser/ participant</td>
<td>8</td>
<td>Culture and PCR</td>
<td>HONG KONG, ITALY,</td>
</tr>
</tbody>
</table>

### PT0161(UK): BEVA approved labs proficiency testing

<table>
<thead>
<tr>
<th>Role</th>
<th>Participants</th>
<th>Methods</th>
<th>Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organiser</td>
<td>12</td>
<td>PCR</td>
<td>UNITED KINGDOM,</td>
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</table>

### PT0103(UK): BEVA approved labs proficiency testing

<table>
<thead>
<tr>
<th>Role</th>
<th>Participants</th>
<th>Methods</th>
<th>Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organiser</td>
<td>21</td>
<td>culture</td>
<td>UNITED KINGDOM,</td>
</tr>
</tbody>
</table>

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**TOR12: EXPERT CONSULTANTS**

28. Did your laboratory place expert consultants at the disposal of WOAH?

No

29. Additional comments regarding your report:

No