WOAH Reference Laboratory Reports Activities 2022

Activities in 2022
This report has been submitted : 9 mars 2023 13:55

Laboratory Information

<table>
<thead>
<tr>
<th>Name of disease (or topic) for which you are a designated WOAH Reference Laboratory:</th>
<th>Bovine viral diarrhoea virus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address of laboratory:</td>
<td>Elizabeth Macarthur Agriculture Institute. Woodbridge Road</td>
</tr>
<tr>
<td>Tel.:</td>
<td>0246406331</td>
</tr>
<tr>
<td>E-mail address:</td>
<td><a href="mailto:peter.kirkland@dpi.nsw.gov.au">peter.kirkland@dpi.nsw.gov.au</a></td>
</tr>
<tr>
<td>Website:</td>
<td></td>
</tr>
</tbody>
</table>

Name (including Title) of Head of Laboratory (Responsible Official): Dr P.D. Kirkland Manager, Virology Laboratory

Name (including Title and Position) of WOAH Reference Expert: Peter Kirkland, Senior Principal Research Scientist

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>Nationally</td>
<td>Internationally</td>
</tr>
<tr>
<td>BVD VNT</td>
<td>Yes</td>
<td>7500</td>
</tr>
<tr>
<td>BVDV AGID</td>
<td>Yes</td>
<td>6700</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?  
   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?  
    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>NEW ZEALAND</td>
<td>2022-08-01</td>
<td>BVDV VNT</td>
<td>2,000</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?
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:

| Genotyping of strains of BVDV |

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:
0

b) International conferences:
0

c) National conferences:
0

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?

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>All BVDV assays</td>
<td>NATA</td>
</tr>
</tbody>
</table>

20. Does your laboratory maintain a "biorisk management system" for the pathogen and the disease concerned?
No

**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?
Yes

<table>
<thead>
<tr>
<th>Title of event</th>
<th>Date (mm/yy)</th>
<th>Location</th>
<th>Role (speaker, presenting poster, short communications)</th>
<th>Title of the work presented</th>
</tr>
</thead>
</table>

**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?
Yes

<table>
<thead>
<tr>
<th>Purpose for inter-laboratory test</th>
<th>Role of your reference laboratory</th>
<th>No. participating</th>
<th>Region(s) of participating WOAH</th>
</tr>
</thead>
</table>

WOAH Reference Laboratory Reports Activities 2022
### TOR12: EXPERT CONSULTANTS

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

No

29. Additional comments regarding your report:

Yes

*Regarding vaccines, we did not develop new vaccines per se but undertook R & D for the development and evaluation of 3 new vaccines with commercial manufacturers*