WOAH Reference Laboratory Reports Activities 2022

Activities in 2022

This report has been submitted: 9 février 2023 10:32

Laboratory Information

Name of disease (or topic) for which you are a designated WOAH Reference Laboratory:
Ovine theileriosis

Address of laboratory:
Lanzhou Veterinary Research Institute, Chinese Academy of Agricultural Sciences (CAAS) Vector and Vector-borne Diseases Control Laboratory (VVBDC) Xujiaping 1, Chengguan District, Lanzhou, Gansu Province 730046 CHINA (PEOPLES REP. OF)

Tel.: +86-93 18.34.26.81

E-mail address: yinhong@caas.cn

Website:
http://lvri.caas.cn/en/referencelaboratories/108692.htm

Name (including Title) of Head of Laboratory (Responsible Official):
Professor Hong Yin

Name (including Title and Position) of WOAH Reference Expert:
Hong Yin

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

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>Nationally Internationally</td>
</tr>
<tr>
<td>Direct diagnostic tests</td>
<td></td>
<td>Nationally Internationally</td>
</tr>
</tbody>
</table>

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**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?  
   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?  
   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>Diagnostic techniques for ovine Theileria infection</td>
<td><a href="https://std.samr.gov.cn/gb/search/gbDetailed?id=F159DFC2A7D047EFE05397BE0A0AF334">https://std.samr.gov.cn/gb/search/gbDetailed?id=F159DFC2A7D047EFE05397BE0A0AF334</a></td>
</tr>
</tbody>
</table>

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?  
    Yes

<table>
<thead>
<tr>
<th>NAME OF THE WOAH MEMBER COUNTRY RECEIVING A TECHNICAL CONSULTANCY</th>
<th>PURPOSE</th>
<th>HOW THE ADVICE WAS PROVIDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHINA (PEOPLE'S REP. OF)</td>
<td>Training coursed for ovine theileriosis detection methods</td>
<td>Introduce background of vectors and clinical symptoms about theileriosis and trainning for different detection methods in lab online and apply free diagnostic testing services</td>
</tr>
</tbody>
</table>
**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:**

We collected the epizootiological data about ovine theileriosis from websites and the publications. In 2022, five countries including Iran, Pakistan, Turkey, Iraq and India published articles about epidemiological investigation for ovine theileriosis.

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:

1

*Diagnostic techniques for ovine Theileria infection*

https://std.samr.gov.cn/gb/search/gbDetailed?id=F159DFC2A7D047EFE05397BE0A0AF334

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

0

**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/IEC 17025:2005</td>
<td>Center for Diagnosis and Testing, Lanzhou Veterinary Research Institute, Chinese Academy of Agricultural Science.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>Center for Diagnosis and Testing</td>
<td>China National Accrediation Service for Conformity Assessment</td>
</tr>
</tbody>
</table>

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

   Implement according to 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?
   Not applicable (only WOAH Reference Laboratory designated for the disease)

24. Are you a member of a network of WOAH Reference Laboratories designated for the same pathogen?
   Not applicable (Only WOAH Reference Laboratory designated for the disease)

25. Did you organise or participate in inter-laboratory proficiency tests with WOAH Reference Laboratories designated for the same pathogen?
   Not applicable (Only WOAH Reference Laboratory designated for the disease)

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?
   Not applicable (Only WOAH Reference Laboratory designated for the disease)

**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

*For the impact of pandemic of COVID-19, international meeting and cooperation were limited, activities of collecting field samples in China reduced either. Our laboratory have already developed our own method for detecting theileria sp., and we are trying to establish some more efficient and specific methods to diagnose relevant pathogens. We hope there will be more chance to cooperate with other OIE member on academic activity.*