

# WOAH Reference Laboratory Reports Activities 2022

## Activities in 2022

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

### Laboratory Information

<b>Name of disease (or topic) for which you are a designated WOA Reference Laboratory:</b>	Ovine theileriosis
<b>Address of laboratory:</b>	Lanzhou Veterinary Research Institute, Chinese Academy of Agricultural Sciences (CAAS) Vector and Vector and Vector-borne Diseases Control Laboratory (VBDC) Xujiaping 1, Chengguan District, Lanzhou, Gansu Province 730046 CHINA (PEOPLES REP. OF)
<b>Tel.:</b>	+86-93 18.34.26.81
<b>E-mail address:</b>	yinhong@caas.cn
<b>Website:</b>	<a href="http://lvri.caas.cn/en/referencelaboratories/108692.htm">http://lvri.caas.cn/en/referencelaboratories/108692.htm</a>
<b>Name (including Title) of Head of Laboratory (Responsible Official):</b>	Professor Hong Yin
<b>Name (including Title and Position) of WOA Reference Expert:</b>	Hong Yin
<b>Which of the following defines your laboratory? Check all that apply:</b>	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

Diagnostic Test	Indicated in WOA Manual (Yes/No)	Total number of test performed last year	
Indirect diagnostic tests		Nationally	Internationally
Direct diagnostic tests		Nationally	Internationally

PCR

NO

45

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**TOR2: REFERENCE MATERIAL**

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

No

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

No

4. Did your laboratory produce vaccines?

No

5. Did your laboratory supply vaccines to WOA?H Members?

No

**TOR3: NEW PROCEDURES**

6. Did your laboratory develop new diagnostic methods for the designated pathogen or disease?

Yes

NAME OF THE NEW TEST OR DIAGNOSTIC METHOD DEVELOPED	DESCRIPTION AND REFERENCES (PUBLICATION, WEBSITE, ETC.)
Diagnostic techniques for ovine Theileria infection	<a href="https://std.samr.gov.cn/gb/search/gbDetailed?id=F159DFC2A7D047EFE05397BE0A0AF334">https://std.samr.gov.cn/gb/search/gbDetailed?id=F159DFC2A7D047EFE05397BE0A0AF334</a>

7. Did your laboratory validate diagnostic methods according to WOA?H 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 WOA?H Standards for the designated pathogen or disease?

No

**TOR4: DIAGNOSTIC TESTING FACILITIES**

10. Did your laboratory carry out diagnostic testing for other WOA?H Members?

No

11. Did your laboratory provide expert advice in technical consultancies on the request of an WOA?H Member?

Yes

NAME OF THE WOA?H MEMBER COUNTRY RECEIVING A TECHNICAL CONSULTANCY	PURPOSE	HOW THE ADVICE WAS PROVIDED
CHINA (PEOPLE'S REP. OF)	Training coursed for ovine theileriosis detection methods	Introduce background of vectors and clinical symptoms about theileriosis and training for different detection methods in lab online and apply free diagnostic testing services

## TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES

12. Did your laboratory participate in international scientific studies in collaboration with WOA 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):

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## TOR7: SCIENTIFIC AND TECHNICAL TRAINING

17. Did your laboratory provide scientific and technical training to laboratory personnel from other WOA Members?

No

## TOR8: QUALITY ASSURANCE

18. Does your laboratory have a Quality Management System?

Yes

Quality management system adopted	Certificate scan (PDF, JPG, PNG format)	
ISO/IEC 17025:2005		Center for Diagnosis and Testing, Lanzhou Veterinary Research Institute, Chinese Academy of Agricultural Science.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
Center for Diagnosis and Testing	China National Accreditation Service for Conformity Assessment

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 WOA?

No

22. Did your laboratory participate in scientific meetings related to the pathogen in question on behalf of WOA?

No

## TOR10: NETWORK WITH WOA REFERENCE LABORATORIES

23. Did your laboratory exchange information with other WOA Reference Laboratories designated for the same pathogen or disease?

Not applicable (only WOA Reference Laboratory designated for the disease)

24. Are you a member of a network of WOA Reference Laboratories designated for the same pathogen?

Not applicable (Only WOA Reference Laboratory designated for the disease)

25. Did you organise or participate in inter-laboratory proficiency tests with WOA Reference Laboratories designated for the same pathogen?

Not applicable (Only WOA Reference Laboratory designated for the disease)

26. Did your laboratory collaborate with other WOA Reference Laboratories for the same disease on scientific research projects for the diagnosis or control of the pathogen of interest?

Not applicable (Only WOA 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 WOA Reference Laboratories for the same pathogen?

No

## **TOR12: EXPERT CONSULTANTS**

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

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 wiht other OIE member on academic activity.*