

WOAH Reference Laboratory Reports Activities 2024

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LABORATORY INFORMATION

*Name of disease (or topic) for which you are a designated WOAH Reference Laboratory:	Ovine epididymitis
*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:	+33149771350
*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

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 WOAH Manual (Yes/No)	Total number of test performed last year	
Indirect diagnostic tests		Nationally	Internationally
Complement fixation test	Yes	35	15
Direct diagnostic tests		Nationally	Internationally
Culture	No		

TOR2: REFERENCE MATERIAL

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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?

Yes

Type of reagent available	Related diagnostic test	Produced/ provide	Amount supplied nationally (ml, mg)	Amount supplied internationally (ml, mg)	No. of recipient WOA?H Member Countries	Country of recipients
B. ovis mono-specific serum	Culture	PRODUCED	15 mL	0	1	FRANCE,
European standard serum for sheep & goat (Pos PL84)	antigen batch control	PROVIDED	4	0	2	FRANCE, SWEDEN,
European standard serum for sheep & goat (neg serum 0.5mL)	antigen batch control	PROVIDED	4	0	1	FRANCE,
European standard serum for sheep & goat (EUBoSS)	antigen batch control	PROVIDED	0	1	1	PORTUGAL,

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?

No

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

Yes

Name of the new test or diagnostic method developed	Description and References (Publication, website, etc.)
Initial validation of indirect ELISA (IDEXX Brucella ovis Ab)	Tests control passed, preparation of the complete dossier ongoing

8. Did your laboratory develop new vaccines for the designated pathogen or disease?

9. Did your laboratory validate vaccines according to WOA?H Standards for the designated pathogen or disease?

No

TOR4: DIAGNOSTIC TESTING FACILITIES

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

Yes

Name of WOAHH Member Country seeking assistance	Date	Which diagnostic test used	No. samples received for provision of diagnostic support	No. samples received for provision of confirmatory diagnoses
SWEDEN	2024-01-11	Complement Fixation test (B. ovis)	0	2
SWEDEN	2024-05-02	Complement Fixation test (B. ovis)	0	10
IRELAND	2024-06-17	Complement Fixation test (B. ovis)	0	3
DENMARK	2024-11-04	Complement Fixation test (B. ovis)	0	1

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

Yes

Name of the WOAHH Member Country receiving a technical consultancy	Purpose	How the advice was provided
PORTUGAL	Request of B. ovis reagents (positive and negative controls)	Email exchanges, shipment of reagents
SWEDEN	Request to confirm serum samples	Email exchanges, analyses of serum samples
IRELAND	Request to retest serum samples	Email exchanges, analyses of serum samples
ITALY	Serology testing, organisation of PT	Email exchanges, visioconferences

TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES

12. Did your laboratory participate in international scientific studies in collaboration with WOAHH Members other than the own?

Yes

Title of the study	Duration	Purpose of the study	Partners (Institutions)	WOAHH Member Countries involved other than your country
Initial validation of indirect ELISA (IDEXX Brucella ovis Ab)	24 mo	Validation of performances according to WOAHH standards	ISZAM	ITALY

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

No

TOR6: EPIZOOLOGICAL DATA

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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:

0

b) International conferences:

2

Ponsart C. Key points for the control of brucellosis and vaccination in ruminants. 5th International Scientific Day of the HASAQ Research Laboratory (ENSV) of the National Veterinary School - Rabie BOUCHAMA, 10 February 2024, Algeria

Ponsart C. Brucellosis of Ruminants: epidemiology and control strategies. "Health in the Mediterranean". Congress of the Francophone Society of Tropical Medicine and International Health, 22-24 May 2024, Saint Raphaël, France

c) National conferences:

0

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

1

Updates on the EURL website : <https://sitesv2.anses.fr/en/minisite/lrue-brucellose/brucellosis-home>

TOR7: SCIENTIFIC AND TECHNICAL TRAINING

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

Yes

a) Technical visit : 0

b) Seminars : 1

c) Hands-on training courses: 1

d) Internships (> 1 month) 0

Type of technical training provided (a, b, c or d)	Country of origin of the expert(s) provided with training	No. participants from the corresponding country
B	ALBANIA	1

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B	BELGIUM	1
B	CROATIA	1
B	CZECH REPUBLIC	1
B	DENMARK	1
B	ESTONIA	1
B	FINLAND	1
B	GERMANY	1
B	HUNGARY	1
B	IRELAND	1
B	ITALY	1
B	LATVIA	1
B	LITHUANIA	1
B	LUXEMBOURG	1
B	MALTA	1
B	MONTENEGRO	1
B	THE NETHERLANDS	1
B	POLAND	1
B	PORTUGAL	1
B	ROMANIA	1
B	SLOVAKIA	1
B	SLOVENIA	1
B	SPAIN	1
B	SWEDEN	1
B	SWITZERLAND	1
B	SERBIA	1
C	AUSTRIA	1
C	CROATIA	1
C	GERMANY	1
C	ROMANIA	1

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C	SPAIN	1
C	LITHUANIA	1
C	LATVIA	1
C	HUNGARY	1
C	IRELAND	1
C	ITALY	1
C	SLOVENIA	1

TOR8: QUALITY ASSURANCE

18. Does your laboratory have a Quality Management System?

Yes

Quality management system adopted	Certificate scan (PDF, JPG, PNG format)	
ISO 17025	Certificate (pdf)	1-7341_pde.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
Complement fixation test, culture, real-time PCR (strains, milk, tissues)	COFRAC (member of EA and ILAC)

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. The process is managed by a biorisk officer. The biorisk management system is regularly officially inspected by an independent agency (ANSM).

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?

Yes

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

Yes

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NETWORK/DISEASE	ROLE OF YOUR LABORATORY (PARTICIPANT, ORGANISER, ETC)	NO. PARTICIPANTS	PARTICIPATING WOAHP REF. LABS
EURL Workprogramme for brucellosis (2023-2024)	Coordinator of the network	28	FLI, ISZAM

25. Did you organise or participate in inter-laboratory proficiency tests with WOAHP Reference Laboratories designated for the same pathogen during the past 2 years?

Yes

Purpose of the proficiency test:	Role of your Reference Laboratory (organiser/ participant)	No. participating Laboratories	Participating WOAHP Ref. Labs/ organising WOAHP Ref Lab
B. ovis serology	Participant	?	ISZAM

26. Did your laboratory collaborate with other WOAHP 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 WOAHP Reference Laboratories for the same pathogen during the past 2 years?

No

participation to PT organised by ISZAM

TOR12: EXPERT CONSULTANTS

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

No

29. Additional comments regarding your report:

No