

WOAH Reference Laboratory Reports Activities 2023

Activities in 2023

This report has been submitted : 7 juin 2024 11:40

Laboratory Information

Name of disease (or topic) for which you are a designated WOA Reference Laboratory:	Paratuberculose
Address of laboratory:	ANSES - Laboratoire de Ploufragan-Plouzané-Niort, Unité Pathologie et Bien-Etre des Ruminants, 60 rue de Pied-de-Fond CS28440, 79024 Niort Cedex, FRANCE
Tel.:	+33 (0)5 49.79.61.28
E-mail address:	virginie.poisson.reseaugds@anses.fr
Website:	
Name (including Title) of Head of Laboratory (Responsible Official):	Dr. Nicolas ETERADOSSI, Head of Ploufragan-Plouzané-Niort Laboratory
Name (including Title and Position) of WOA Reference Expert:	Dr. Virginie POISSON, Head of Paratuberculosis thematic
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

Diagnostic Test	Indicated in WOA Manual (Yes/No)	Total number of test performed last year	
		Nationally	Internationally
Indirect diagnostic tests			
ELISA		1379	0
Direct diagnostic tests			
Real time PCR		253	0
Culture		118	0

TOR2: REFERENCE MATERIAL

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

No

3. Did your laboratory supply standard reference reagents (nonWOAH-approved) and/or other diagnostic reagents to WOA 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 MEMBER COUNTRIES	COUNTRY OF RECIPIENTS
Bovine Standard Serum Paratuberculosis	ELISA	Produced	123 ml	4 ml	3	PORTUGAL, SPAIN, SWITZERLAND,
Characterized serums	ELISA	Produced	20 ml	20 ml	1	SWITZERLAND,

4. Did your laboratory produce vaccines?

No

5. Did your laboratory supply vaccines to WOAHA 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 WOAHA 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 WOAHA Standards for the designated pathogen or disease?

No

TOR4: DIAGNOSTIC TESTING FACILITIES

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

No

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

Yes

NAME OF THE WOAHA MEMBER COUNTRY RECEIVING A TECHNICAL CONSULTANCY	PURPOSE	HOW THE ADVICE WAS PROVIDED
FRANCE	Update of National sanitation protocol	Participation to working group
FRANCE	Update of National guarantee	Participation to working group
FRANCE THE NETHERLANDS	Support of kit supplier for specifications for ELISA serums kits	Visioconference, phone calls, emails

TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES

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

Yes

Title of the study	Duration	PURPOSE OF THE STUDY	PARTNERS (INSTITUTIONS)	WOAHA MEMBER COUNTRIES INVOLVED OTHER THAN YOUR COUNTRY
RING TRIAL - Application of phage-coated beads to detect viable MAP in milk	April to June 2023	Multi-laboratory evaluation of a novel PhMS-qPCR assay for detecting viable MAP in milk	Confidential	CZECH REPUBLIC FRANCE GERMANY SPAIN UNITED KINGDOM

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

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:

Epidemiological data collected during national collection of biological materials

15. Did your laboratory disseminate epidemiological data that had been processed and analysed?

Yes

IF THE ANSWER IS YES, PLEASE PROVIDE DETAILS OF THE DATA COLLECTED:

Data analysed and presented during national working group for sanitation protocol and guarantee

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:

b) International conferences:

c) National conferences:

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National Professional Reference Day - Maisons-Alfort - 9 mars 2023

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

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Stand to Salon CAPRINOV

TOR7: SCIENTIFIC AND TECHNICAL TRAINING

17. Did your laboratory provide scientific and technical training to laboratory personnel from other WOAHA 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 17025 (06/03/2020 to 31/01/2024)	PDF	ATTESTATION COFRAC - 17025.pdf
ISO 17025 (01/02/2024 to 31/01/2029)	PDF	Attestation_COFRAC.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
ELISA - Serum	COFRAC

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

Yes

Level 2 laboratory and procedures for biorisk management : access control, staff authorization, personal protective equipment, procedure for waste

TOR9: SCIENTIFIC MEETINGS

21. Did your laboratory organise scientific meetings related to the pathogen in question on behalf of WOAHA?

No

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

No

TOR10: NETWORK WITH WOAHA 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

NETWORK/DISEASE	ROLE OF YOUR LABORATORY (PARTICIPANT, ORGANISER, ETC)	NO. PARTICIPANTS	PARTICIPATING WOA REF. LABS
Paratuberculosis	Participant	2	Argentine and Italian Reference Laboratories

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

No

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?

No

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?

Yes

Purpose for inter-laboratory test comparisons ¹	Role of your reference laboratory (organizer/participant)	No. participating laboratories	Name of the Test	WOAH Member Countries
Interlaboratory Test Comparison	Organizer	1	ELISA Serum	LATVIA,
Interlaboratory Test Comparison	Organizer	1	ELISA Serum	LITHUANIA,
Mycobacterium avium subsp. paratuberculosis antibody detection in serum	Participant	45	ELISA Serum	AUSTRIA, BELGIUM, CZECH REPUBLIC, DENMARK, FRANCE, GERMANY, GREECE, HUNGARY, IRELAND, ITALY, POLAND, SOUTH AFRICA, SPAIN, SWEDEN, SWITZERLAND, THE NETHERLANDS,
Mycobacterium avium subsp. paratuberculosis antibody detection in milk	Participant	33	ELISA milk	AUSTRIA, BELGIUM, DENMARK, FRANCE, GERMANY, HUNGARY, IRELAND, ISRAEL, ITALY, POLAND, SOUTH AFRICA, SPAIN, SWEDEN, SWITZERLAND, THE NETHERLANDS, UNITED KINGDOM,

TOR12: EXPERT CONSULTANTS

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

No

29. Additional comments regarding your report:

Yes

Carrying out 5 initial controls for the validation of diagnostic kits for ELISA on individual serum.

Discussion with Argentine and Italian Reference Laboratories about a possible collaboration consisting in the sharing of some specimens prepared during the organization of proficiency test. Material transfer agreements have been signed.