

OIE Reference Laboratory Reports Activities

Activities in 2020

This report has been submitted : 2021-02-10 16:58:35

Name of disease (or topic) for which you are a designated OIE Reference Laboratory:	Contagious agalactia
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E-mail address:	anne.ridley@apha.gov.uk
Website:	https://www.gov.uk/government/organisations/animal-and-plant-health-agency
Name (including Title) of Head of Laboratory (Responsible Official):	Chris Hadkiss, Chief Executive, Animal and Plant Health Agency
Name (including Title and Position) of OIE Reference Expert:	Anne Ridley
Which of the following defines your laboratory? Check all that apply:	Governmental

ToR 1: To use, promote and disseminate diagnostic methods validated according to OIE Standards

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 OIE Manual (Yes/No)	Total number of test performed last year	
		Nationally	Internationally
Indirect diagnostic tests			
Mycoplasma agalactiae ELISA	YES	8	36
Mycoplasma agalactiae immunoblot	YES	8	11
Mycoplasma capricolum subsp. capricolum CFT	YES	0	0
Mycoplasma capricolum subsp. capricolum immunoblot	YES	0	0
Mycoplasma mycoides subsp. capri CFT	YES	0	0
Mycoplasma mycoides subsp. capri immunoblot	YES	0	0
Direct diagnostic tests			
Mycoplasma agalactiae PCR	YES	14	2
Mycoplasma species PCR-DGGE	YES	58	6
Mycoplasma species culture	YES	58	2

ToR 2: To develop reference material in accordance with OIE requirements, and implement and promote the application of OIE Standards. To store and distribute to national laboratories biological reference products and any other reagents used in the diagnosis and control of the designated pathogens or disease.

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

No

3. Did your laboratory supply standard reference reagents (non OIE-approved) and/or other diagnostic reagents to OIE Member Countries?

No

4. Did your laboratory produce vaccines?

No

5. Did your laboratory supply vaccines to OIE Member Countries?

No

ToR 3: To develop, standardise and validate, according to OIE Standards, new procedures for diagnosis and control of the designated pathogens or diseases

6. Did your laboratory develop new diagnostic methods validated according to OIE Standards for the designated pathogen or disease?

No

7. Did your laboratory develop new vaccines according to OIE Standards for the designated pathogen or disease?

No

ToR 4: To provide diagnostic testing facilities, and, where appropriate, scientific and technical advice on disease control measures to OIE Member Countries

8. Did your laboratory carry out diagnostic testing for other OIE Member Countries?

No

9. Did your laboratory provide expert advice in technical consultancies on the request of an OIE Member Country?

Yes

Name of the OIE Member Country receiving a technical consultancy	Purpose	How the advice was provided
IRAQ	Advice and provision of testing of DNA samples from small ruminants	testing of archived samples and provision of feedback by report and email
TURKEY	Proficiency testing	Sending samples and providing test feedback
POLAND	Proficiency Testing	Sending samples and providing test feedback
AFGHANISTAN	Continued communication following previous laboratory training	emails
NIGERIA	continued communication and support following previous laboratory training	emails

ToR 5: To carry out and/or coordinate scientific and technical studies in collaboration with other laboratories, centres or organisations

10. Did your laboratory participate in international scientific studies in collaboration with OIE Member Countries other than the own?

Yes

Title of the study	Duration	Purpose of the study	Partners (Institutions)	OIE Member Countries involved other than your country
Exotic and emerging bacterial diseases: towards a bacteriological centre of excellence	4 years	Improve diagnosis and understanding of CA disease	IZS, Palermo, Sicily	ITALY

ToR 6: To collect, process, analyse, publish and disseminate epizootiological data relevant to the designated pathogens or diseases

11. Did your Laboratory collect epizootiological data relevant to international disease control?

No

If the answer is no, please provide a brief explanation of the situation:
Disease known to be present in countries we processed and analysed data from

12. Did your laboratory disseminate epizootiological data that had been processed and analysed?

Yes

If the answer is yes, please provide details of the data collected:
investigation of environmental contamination through shedding of infected sheep.

**13. What method of dissemination of information is most often used by your laboratory?
(Indicate in the appropriate box the number by category)**

a) Articles published in peer-reviewed journals: 0
In different stages of preparation

b) International conferences: 0
None attended due to cancellation, but several abstracts submitted.
One online workshop as participant and topic leader.

c) National conferences: 0
Planned conference of November 2020 postponed to Spring 2021

d) Other:
(Provide website address or link to appropriate information) 1
Leader of Expert Group responsible for for DISCONTTOOLS disease database 2020 update

ToR 7: To provide scientific and technical training for personnel from OIE Member Countries

To recommend the prescribed and alternative tests or vaccines as OIE Standards

14. Did your laboratory provide scientific and technical training to laboratory personnel from other OIE Member Countries?

No

ToR 8: To maintain a system of quality assurance, biosafety and biosecurity relevant for the pathogen and the disease concerned

15. Does your laboratory have a Quality Management System?

Yes

Quality management system adopted	Certificate scan (PDF, JPG, PNG format)
ISO9001:2015	ISO9001-2015_Certificate.pdf
ISO 17025:2005	17025 certificate.pdf
ISO 9001:2015	Animal and Plant Health Agency LRQ4001392 -Certificate Validity Letter.pdf

16. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
ISO9001	Lloyds Register Quality Assurance
PCR-DGGE for Mycoplasma species (includes CA subgroups)	UKAS
CFT for Mycoplasma capricolum subsp. capricolum	UKAS
PCR for exotic Mycoplasma species (includes CA organisms)	UKAS
Immunoblot for exotic Mycoplasma species (includes CA organisms)	UKAS
CFT for Mycoplasma mycoides subsp. capri	UKAS

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

Yes

(See *Manual of Diagnostic Tests and Vaccines for Terrestrial Animals, Chapter 1.1.4*)

ToR 9: To organise and participate in scientific meetings on behalf of the OIE

18. Did your laboratory organise scientific meetings on behalf of the OIE?

No

19. Did your laboratory participate in scientific meetings on behalf of the OIE?

No

ToR 10: To establish and maintain a network with other OIE Reference Laboratories designated for the same pathogen or disease and organise regular inter-laboratory proficiency testing to ensure comparability of results

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

Yes

21. Was your laboratory involved in maintaining a network with OIE Reference Laboratories designated for the same pathogen or disease by organising or participating in proficiency tests?

Yes

Purpose of the proficiency tests: ¹	Role of your Reference Laboratory (organiser/participant)	No. participants	Participating OIE Ref. Labs/ organising OIE Ref. Lab.
Mycoplasmata agalactia serology	organiser/distributed by IZS Palermo	4	IZS Palermo/APHA (Weybridge)
M agalactiae serology	Organiser	2	
M agalactiae PCR	Organiser	1	

¹ validation of a diagnostic protocol: specify the test; quality control of vaccines: specify the vaccine type, etc.

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

Yes

Title of the project or contract	Scope	Name(s) of relevant OIE Reference Laboratories
Exotic and emerging bacterial diseases: towards a bacteriological centre of excellence	Improve diagnosis and understanding of CA disease (final year)	IZS, Palermo, Sicily Italy
APHA Core research capability in bacteriology: Exotic and emerging bacteria	continuation of work to improve diagnosis and understanding of CA disease (new project)	IZS, Palermo, Sicily Italy

ToR 11: To organise inter-laboratory proficiency testing with laboratories other than OIE Reference Laboratories for the same pathogens and diseases to ensure

equivalence of results

23. Did your laboratory organise or participate in inter-laboratory proficiency tests with laboratories other than OIE Reference Laboratories for the same disease?

Yes

Note: See Interlaboratory test comparisons in: Laboratory Proficiency Testing at: <http://www.oie.int/en/our-scientific-expertise/reference-laboratories/proficiency-testing> see point 1.3

Purpose for inter-laboratory test comparisons ¹	No. participating laboratories	Region(s) of participating OIE Member Countries
Mycoplasma agalactiae serology comparison, continuation	4	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input checked="" type="checkbox"/> Europe <input type="checkbox"/> Middle East

ToR 12: To place expert consultants at the disposal of the OIE

24. Did your laboratory place expert consultants at the disposal of the OIE?

No

25. Additional comments regarding your report:

Delays to planned technical visits, completion of joint activities and to attendance at International and National conferences due to COVID pandemic.

We have been contacted by OIE on behalf of the State Laboratory of Agriculture (SLA), Tbilisi, Georgia and are drawing up a OIE Twinning Project application to include CA and CCPP disease agents with an emphasis in provision of cultural expertise.