

WOAH Reference Laboratory annual reports (RINDERPEST)

Activities in 2025

Name (including Title) of Head of Laboratory (Responsible Official):

Dr. Robin Holland, Director, Foreign Animal Disease Diagnostic Laboratory (FADDL),
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Name (including Title and Position) of WOA Reference Expert:

To be decided

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Address of laboratory:

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A: Maintaining Scientific and Technical Skills

1. Did your laboratory perform relevant diagnostic tests for purposes such as disease diagnosis, screening of animals for export, surveillance, etc. (not for quality control, proficiency testing or staff training)
 - a. For the specified disease?
 - b. For closely related diseases or pathogens?

Disease	Diagnostic Test	Indicated in WOA Manual (Yes/No)	Total number of tests performed last year	
			Nationally	Internationally
Rinderpest (RP)	Rinderpest virus (RPV) diagnostic tests [Real-time RT-PCR (rRT-PCR)]	Yes	0	0
	RPV safety tests (rRT-PCR)	Yes	23	0

Peste de petits ruminants	Peste de petits ruminants virus (PPRV) diagnostic tests [Real-time RT-PCR (rRT-PCR)]	Yes	0	0
	PPRV safety tests (rRT-PCR)	Yes	30	0

2. Did your laboratory produce, supply, or import standard reference reagents officially recognised by WOAHA for the specified disease or for closely related diseases?

Type of Reagent Available	Related diagnostic test	Produced/Supplied/Imported	Amount supplied nationally (ml, mg)	Amount supplied internationally (ml, mg)	Name of recipient WOAHA Members
No					

3. Did your laboratory supply, exchange or receive standard reference reagents or other diagnostic reagents for the specified disease

Type of reagent	Related diagnostic test	Supplied by your lab, exchanged or received	Amount	Name of recipient or supplier Member
Non-pathogenic proficiency test (PT) panel and controls	RPV rRT-PCR	Stocks produced in the past are still available.	0	
Non-pathogenic proficiency test (PT) panel and controls	PPRV rRT-PCR	Stocks produced in the past are still available.	0	

4. Did your laboratory provide expert advice in technical consultancies on the request of a WOAHA Member for the specified disease or for closely related diseases?

Name of the WOAHA Member receiving the technical consultancy	Purpose	How the advice was provided
WOAHA	Review WOAHA Manual of Diagnostic Tests and Vaccines for Terrestrial Animals "Chapter 3.1.21. Rinderpest (infection with rinderpest virus)"	Reviewed the chapter proposed for adoption

WOAH	Review WOAH Terrestrial Animal Health Code "Chapter 14.7 Infection with Peste des Petits Ruminants Virus"	Reviewed the chapter and provided comments
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5. What method of dissemination of information is most often used by your laboratory? (please provide information on activities for other diseases relevant to maintaining capability for specified disease) [a: Articles published in peer-reviewed journals; b: International conferences; c: National conferences; d: Other]

a: Articles published in peer-reviewed journals
None

b: International conferences
RHF Network Meetings – see section D item 15

c: National conferences
None

d: Other
None

6. Did your laboratory provide scientific and technical training to laboratory personnel from other WOAH Members?

Yes

No

7. Did your laboratory implement activities to ensure ongoing capability for the designated disease or closely related disease in the event of loss of the key staff including the WOAH Reference Expert?

Activity	Description
Proficiency testing for RPV rRT-PCR	FADDL maintains stocks of RPV rRT-PCR proficiency testing panels and ensures personnel are proficiency tested prior to performing RPV diagnostic rRT-PCR
Foreign Animal Disease Diagnostician Training Courses	Demonstrated PPR clinical signs and trained participating diagnosticians to perform clinical diagnosis and necropsy, and to identify gross lesions.

Training on management of Rinderpest Holding Facility

Incumbent expert trained staff on the management of rinderpest virus containing material and maintenance of FAO-WOAH RHF designation

B: Laboratory Systems

8. Does your laboratory have a Quality Management System certified according to an International Standard? If YES indicate the name of the quality management system adopted or currently in place. Also attach a scanned certificate of the system.

Yes: ISO/IEC 17025:2017 and ISO/IEC 17043:2023. Certificates attached.

9. Is your laboratory accredited by an international accreditation body? If 'yes' indicate test for which your laboratory is accredited and name of the accreditation body.

Yes, FADDL is accredited by the American Association for Laboratory Accreditation (A2LA), which is an assay-based accreditation. The following assays are accredited by the A2LA:

- a. Agar Gel Immunodiffusion (AGID)
- b. Avidin Biotin Complex (ABC) Assay
- c. Complement Fixation Test
- d. DNA and RNA Extraction
- e. Enzyme Linked Immunosorbent Assay (ELISA)
- f. Immunoperoxidase (IP)
- g. Real-time PCR
- h. Virus Isolation (VI)

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

Yes

No

11. Does your laboratory have a biosecurity system in place to ensure security for the pathogen and materials that may contain the infectious pathogen?

Yes

No

C: Capability to Respond to a Suspected Case

12. In the past year, did your laboratory perform diagnostic tests for the specified pathogen and the disease in order to confirm ongoing capability?

Diagnostic Test	Indicated in WOHM Manual (Yes/No)	Total number of tests performed last year
No, see section A item 1a		

13. Did your laboratory produce vaccines for the specified disease or similar diseases?

Disease	Amount supplied nationally or internationally
No	

14. Did your laboratory organise or participate in inter-laboratory proficiency tests with any other laboratories for the specified disease or similar diseases?

Role of your laboratory (organiser or participant)	Disease	Test	Number of participating laboratories	Regions of participating WOHM Members
No				

D: Networks and Linkages

15. Did your laboratory organise or participate in scientific meetings for the specified disease?

Title of event	Date	Location	Role (organiser, speaker, presenter)	Title of work presented
Rinderpest Holding Facility Network Meeting	2025-04-22	Rome, ITALY	Speaker	FADDL RHF Update
Rinderpest Holding Facility Network Meeting	2025-09-17	Virtual	Speaker	FADDL RHF Update

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

Yes
 No

17. Was your laboratory involved in maintaining a network with WOAHP Reference Laboratories designated for the same pathogen or disease?

Yes
 No

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

Yes
 No

19. Did your laboratory carry out activities to raise awareness and improve capability for this disease in other Members?

Description of activity	Date	Member countries
No		

E: Biosafety

20. What level of biocontainment is used in your laboratory for (a) storage and (b) handling of potentially infectious material for the specified disease?

BSL-3

21. Does your laboratory maintain a structured risk assessment for work with potentially infectious material for the specified disease?

Yes

No

22. Was your laboratory's risk assessment for work with potentially infectious material reviewed in the past year?

Yes

No

23. Does your laboratory have an emergency response plan for biosafety incidents involving potentially infectious material for the specified disease?

Yes

No

F: Research

24. Did your laboratory develop new diagnostic methods for the designated pathogen or disease, or a similar disease?

Disease	Diagnostic Method	Description
No		

25. Did your laboratory participate in international scientific studies in collaboration with WOAHO Members other than your own?

Title of study	Duration	Purpose of study	Partners (Institutions)	WOAH Members Involved other than your country
None pertaining to rinderpest				

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

Title of Project or Contract	Scope	Name(s) of relevant WOAHO Reference Laboratories
No		

27. In exercising your activities, have you identified any regulatory research needs* relevant for WOAHO? Please report them here: [MS teams form](#)

*Regulatory research needs = a gap in knowledge that could help in setting/updating standard(s) in the Terrestrial and Aquatic Codes and Manuals

28. Additional comments regarding your report (if any):

FADDL is designated by FAO-WOAH as a Rinderpest Holding Facility (RHF) Category A