

OIE Reference Laboratory Reports Activities

Activities in 2019

This report has been submitted : 2020-02-03 08:47:53

Name of disease (or topic) for which you are a designated OIE Reference Laboratory:	Rinderpest
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Name (including Title) of Head of Laboratory (Responsible Official):	Toshiyuki Tsutsui Director General National Institute of Animal Health
Name (including Title and Position) of OIE Reference Expert:	Takehiro Kokuho Head African Swine Fever Research Unit Division of Transboundary Animal Disease
Which of the following defines your laboratory? Check all that apply:	Research

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)

No

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?

Yes

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?

No

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
Production and deployment of non-infectious Rinderpest (RP) proficiency test (PT) panels and positive controls for Rinderpest virus (RPV) real time RT-PCR (rRT-PCR) PT and diagnostic testing	2017-2019	Develop new diagnostic method for rinderpest	FADDL, CIRAD, Pibright	UNITED STATES OF AMERICA
Strengthening International Responses to Transboundary Animal Diseases	2018-2020	To extend the capacity of global reserve of rinderpest vaccine	CIRAD, Pibright	FRANCE

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:

Rinderpest has been eradicated.

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

No

If the answer is no, please provide a brief explanation of the situation:

Rinderpest has been eradicated.

**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: 1

b) International conferences: 3

c) National conferences: 2

d) Other:

(Provide website address or link to appropriate information) 4

<http://www.naro.affrc.go.jp/english/laboratory/niah/index.html>

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?

Yes

a) Technical visits: 10

b) Seminars: 2

c) Hands-on training courses: 10

d) Internships (>1 month): 6

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
Diagnosis of transboundary animal diseases	Vietnam	1

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)
ISO17025	□□-□□□□□□□□□□-09.jpg

16. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
Detection of Viral genes	Japan Accreditation Board

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?

Yes

National/ International	Title of event	Co-organiser	Date (mm/yy)	Location	No. Participants
International	2ND FAO-OIE RINDERPEST HOLDING FACILITY NETWORK MEETING	OIE, FAO	11/2019	Tokyo	20

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.
Production and deployment of non-infectious Rinderpest (RP) proficiency test (PT) panels and positive controls for Rinderpest virus (RPV) real time RT-PCR (rRT-PCR) PT and diagnostic testing	participant	4	Pirbright,CIRAD, AU-PANVAC/FADDL

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
Production and deployment of non-infectious Rinderpest (RP) proficiency test (PT) panels and positive controls for Rinderpest virus (RPV) real time RT-PCR (rRT-PCR) PT and diagnostic testing	To develop a new method for rinderpest diagnosis	Pirbright,CIRAD, AU-PANVAC/FADDL
Strengthening International Responses to Transboundary Animal Diseases	To extend the capacity of global reserve of rinderpest vaccine	Pirbright,CIRAD

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?

No

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

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: