

WOAH Reference Laboratory annual reports (RINDERPEST)

Activities in 2023

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

Dr Ken Katsuda, Director, National Institute of Animal Health

Name (including Title and Position) of WOA Reference Expert:

Dr Takehiro Kokuho, Principal Research Scientist, Division of Transboundary Infectious Animal Disease Research

Email address:

takehiro@affrc.go.jp

Address of laboratory:

Josuihoncho 6-20-1, Kodaira, Tokyo, Japan

Website:

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

Telephone:

: +81-42 321.1466

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 |
| NA | | | | |
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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 |
|---------------------------|-------------------------|----------------------------|-------------------------------------|--|---------------------------------|
| NA | | | | | |
| | | | | | |

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 |
|-----------------|-------------------------|---|--------|--------------------------------------|
| NA | | | | |
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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 |
|--|---------|-----------------------------|
| NA | | |
| | | |

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, and b: International conferences

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 the diagnosis | Performing sham testing for the diagnosis of rinderpest using related viruses (Canine distemper virus) based on the ISO accredited method |
| Capacity building for LA-AKO vaccine production | Educate new staff for producing LA-AKO rinderpest vaccines by experienced personnel with approval of FAO and OIE |

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.

ISO17025

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

Diagnosis for rinderpest, classical swine fever, Foot-and-mouth disease, Influenza A, Prion diseases

Japan Accreditation Board (JAB)

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 WOH Manual (Yes/No) | Total number of tests performed last year |
|--|----------------------------------|---|
| Proficiency testing for the diagnosis of rinderpest (sham testing) | No | 10 |
| | | |
| | | |

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

| Disease | Amount supplied nationally or internationally |
|--|--|
| In year 2022-2023, our laboratory did not produce any batch of rinderpest vaccine due to facility renovation. We keep storing pre-existing stocks under the agreement with FAO as described below: | |
| Rinderpest (LA-AKO), final products | 100,000 doses (domestic) and 763,600 doses (international) |

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 WOH Members |
|--|---------|------|--------------------------------------|--------------------------------------|
| NA | | | | |
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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 |
|---|-------------------------------------|----------------------------------|--------------------------------------|-------------------------|
| 3rd Meeting of the FAO-WOAH Rinderpest Holding Facility Network | 6-7 December | WOAH Headquarters, Paris, France | Reporter/Participant | Facility Updates |
| Rinderpest holding facility network web meeting | 1 February 2023/ 30 January 2024 | Web | Participant | |
| | | | | |

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

Yes No

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

Yes No

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

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 |
|-------------------------|------|------------------|
|-------------------------|------|------------------|

| | | |
|--|-----------------------|-----------------------|
| Review and discussion on the current WOHM Manual chapter (Chapter 3.1.20 Rinderpest) among Reference Laboratories and Rinderpest Holding Facilities. | As needed (via email) | UK, US, France, Japan |
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| | | |

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?

Kodaira, Tokyo (RHF category A): (a) BSL3, (b) BSL3
 Tsukuba, Ibaraki (RHF category B): (a) BSL2, (b) BSL2

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 |
|---------|-------------------|-------------|
| NA | | |
| | | |

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 |
|----------------|---------------------------|---|---|---|
| MOU (extended) | March 2017- March 2027 | Studies on the immune responses of animal infectious diseases | National Institute of Veterinary Research | Vietnam |
| | | | | |

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 |
|------------------------------|-------|--|
| NA | | |
| | | |

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):