

WOAH Reference Laboratory Reports Activities 2023

Activities in 2023

This report has been submitted : 18 juin 2024 18:39

Laboratory Information

Name of disease (or topic) for which you are a designated WOAHO Reference Laboratory:	Infection with koi herpesvirus
Address of laboratory:	Friedrich-Loeffler Institut, Federal Research Institute for Animal Health
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E-mail address:	heike.schuetze@fli.de
Website:	
Name (including Title) of Head of Laboratory (Responsible Official):	Dr. Heike Schütze (Head of NRL for IHN, VHS, ISA, EHN)
Name (including Title and Position) of WOAHO Reference Expert:	Dr. Heike Schütze (WOAH RL for KHV-I)
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 WOAHO Manual (Yes/No)	Total number of test performed last year	
		Nationally	Internationally
Indirect diagnostic tests			
ELISA			
Direct diagnostic tests			
qPCR (Gilad et al. 2004)		14	0
PCR (Engelsma et al. 2013)		14	0

TOR2: REFERENCE MATERIAL

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

No

3. Did your laboratory supply standard reference reagents (nonWOAH-approved) and/or other diagnostic reagents to WOAHO Members?

No

4. Did your laboratory produce vaccines?

No

5. Did your laboratory supply vaccines to WOAHO Members?

Not applicable

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 WOAHS 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 WOAHS Standards for the designated pathogen or disease?

No

TOR4: DIAGNOSTIC TESTING FACILITIES

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

No

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

No

TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES

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

No

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

No

TOR6: EPIZOOLOGICAL DATA

14. Did your Laboratory collect epidemiological data relevant to international disease control?

No

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

No

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:

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

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Assistance in the preparation of the diagnostic manual for KHV-1 recommended by the EURL (<https://www.eurl-fish-crustacean.eu/fish/diagnostic-manuals/khv>)

TOR7: SCIENTIFIC AND TECHNICAL TRAINING

17. Did your laboratory provide scientific and technical training to laboratory personnel from other WOAHS 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)	
DIN EN ISO/IEC 17025:201	Akkreditierungsurkunde.pdf	Akkreditierungsurkunde.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
(RT)-PCR, (RT)-qPCR, virus isolation, cell culture, immunofluorescence assay, ELISA, sequencing etc.,	all fish diseases listed in the EU: KHV-I, IHNV, VHSV, ISAV, EHNV

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

Yes

The FLI has laboratories and animal facilities ranging from S2/L2 to S4/L4. All previous work with KHV has been carried out under S2/L2 conditions.

TOR9: SCIENTIFIC MEETINGS

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

No

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

No

TOR10: NETWORK WITH WOA?H REFERENCE LABORATORIES

23. Did your laboratory exchange information with other WOA?H Reference Laboratories designated for the same pathogen or disease?

No

24. Do you network (collaborate or share information) with other WOA?H Reference Laboratories designated for the same pathogen?

No

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

No

26. Did your laboratory collaborate with other WOA?H 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?H 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
Identification of IHNV, VHSV, EHNV, SVCV, IPNV, KHV, ISAV, SAV	participant as NRL for IHNV, VHSV, ISAV, EHNV, KHV-I	43	Inter-Laboratory Proficiency Test 2023	GERMANY,

TOR12: EXPERT CONSULTANTS

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

No

29. Additional comments regarding your report:

Yes

designated expert at the WOA?H Reference Laboratory for infection with koi herpesvirus since 2024