

WOAH Reference Laboratory Reports Activities 2024

This report has been submitted: 18 février 2025 06:25

LABORATORY INFORMATION

*Name of disease (or topic) for which you are a designated WOA Reference Laboratory:	Decapod iridescent virus 1 (DIV1)
*Address of laboratory:	376 Chung-Cheng Rd.Tansui 251, New Taipei City Taiwan, Republic of China
*Tel:	+886226212111
*E-mail address:	ctu@mail.nvri.gov.tw
Website:	www.nvri.gov.tw
*Name (including Title) of Head of Laboratory (Responsible Official):	Yu-Ju Lin, Head of DIV1 RL
*Name (including Title and Position) of WOA Reference Expert:	Chien Tu, Senior Consultant
*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 WOA Manual (Yes/No)	Total number of test performed last year	
Indirect diagnostic tests		Nationally	Internationally
Direct diagnostic tests		Nationally	Internationally
PCR with sequencing, and real-time PCR	Yes	27	135

TOR2: REFERENCE MATERIAL

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

No

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

No

4. Did your laboratory produce vaccines?

No

5. Did your laboratory supply vaccines to WOAH Members?

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?

Yes

If the answer is yes, please provide details of the data collected:

In 2024, we tested 27 specimens from domestic pacific white shrimp farms and 135 specimens imported white shrimp larvae for DIV1. All the results showed negative for DIV1.

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:

This is a good way to spread information. for domestic prevention.

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

WOAH immediate notification and quarterly reports would be a good way to disseminate information

TOR7: SCIENTIFIC AND TECHNICAL TRAINING

17. Did your laboratory provide scientific and technical training to laboratory personnel from other WOA 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)	
ISO-accredited certificates	Veterinary Research Institute	台北2024年證書Certificate_of_Accreditation_(Biology_Division,_VRI,_MOA).pdf
ISO-accredited certificates	Pingtung branch laboratory	屏東2024TAF認證證書_英文.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
Identification of Salmonella spp., Identification of Mycobacterium spp., Test of Brucellosis serum antibodies, Nervous Necrosis Virus Nucleic Acid Detection, Red Sea Bream Iridoviral Disease Nucleic Acid Detection, Koi Herpesvirus Nucleic Acid Detection, Spring Viremia Carp Virus Nucleic Acid Detection, White Spot Disease Virus Nucleic Acid Detection, Perkinsus olseni Nucleic Acid Detection	Taiwan Accreditation Foundation
White Spot Syndrome Virus Detection Test Nucleic Acid Detection Test of Nervous Necrosis Virus Nucleic Acid Detection Test of Red Sea Bream Iridoviral Disease Koi Herpesvirus Virus Detection Test Nucleic Acid Detection Test of Decapod Iridescent Virus 1	Taiwan Accreditation Foundation

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

Yes

We follow the regulations of Biosafety Committee of Veterinary Research Institute. and requirements in Manual of Diagnostic Tests and Vaccines for Terrestrial Animals, Chapter 1.1.4.

TOR9: SCIENTIFIC MEETINGS

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

No

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

No

TOR10: NETWORK WITH WOAHP REFERENCE LABORATORIES

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

Not applicable (only WOAHP Reference Laboratory designated for the disease)

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

Not applicable (only WOAHP Reference Laboratory designated for the disease)

25. Did you organise or participate in inter-laboratory proficiency tests with WOAHP Reference Laboratories designated for the same pathogen during the past 2 years?

Not applicable (Only WOAHP Reference Laboratory designated for the disease)

We do attend the annual proficiency test during the annual conformity assessment by Taiwan Accreditation Foundation.

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

Not applicable (only WOAHP Reference Laboratory designated for the disease)

TOR11: OTHER INTERLABORATORY PROFICIENCY TESTING

27. Did your laboratory organise or participate in inter-laboratory proficiency tests with laboratories other than WOAHP Reference Laboratories for the same pathogen during the past 2 years?

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
Maintain the capability for diagnosis on DIV1	We are responsible for organizing and evaluating the participants' capability of diagnosis on DIV1.	20	PCR and real-time PCR	CHINESE TAIPEI,

TOR12: EXPERT CONSULTANTS

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

Yes

Kind of consultancy	Location	Subject (facultative)
Drafting of DIV1 chapter in WOAHP aquatic manual	Chapter 2.2.3 in WOAHP 2024	Infection with Decapod Iridescent Virus 1

29. Additional comments regarding your report:

Yes

In 2024, we received the Certificate for Nucleic Acid Detection Test of Decapod Iridescent Virus 1 in our Pingtung branch laboratory issued by Taiwan Accreditation Foundation. Thus, we can issue the Iso-accredited testing report for testing specimens.