

WOAH Reference Laboratory Reports Activities 2024

This report has been submitted: 17 décembre 2024 15:00

LABORATORY INFORMATION

*Name of disease (or topic) for which you are a designated WOA Reference Laboratory:	White tail disease (infection with Macrobrachium rosenbergii nodavirus)
*Address of laboratory:	Melvisharam-632 509 Ranipet District, Tamil Nadu
*Tel:	+91-4172 26.94.87
*E-mail address:	cah_sahul@hotmail.com
Website:	www.aahl.res.in
*Name (including Title) of Head of Laboratory (Responsible Official):	A. Sait Sahul Hameed
*Name (including Title and Position) of WOA Reference Expert:	A. Sait Sahul Hameed, Director, AAHL
*Which of the following defines your laboratory? Check all that apply:	Academic institution

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
Clinical signs such opaqueness of abdominal muscle	Yes	56	0
Direct diagnostic tests		Nationally	Internationally
RT-PCR	Yes	47	0

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 WOA Members?

No

4. Did your laboratory produce vaccines?

Not applicable

5. Did your laboratory supply vaccines to WOA Members?

Not applicable

TOR3: NEW PROCEDURES

6. Did your laboratory develop new diagnostic methods for the designated pathogen or disease?

Yes

Name of the new test or diagnostic method developed	Description and References (Publication, website, etc.)
Lateral Flow Immunoassay	Snehal, J., S. Vimal, A. Nafeez Ahmed, A.S. Sahul Hameed, K. M. Paknikar and M.R. Jyutika, 2021. On-site detection of nodavirus in post larval (PL) stage of the giant prawn, <i>Macrobrachium rosenbergii</i> : A test to nip the problem in the bud. Aquaculture, 534, https://doi.org/10.1016/j.aquaculture.2020.736292

7. Did your laboratory validate diagnostic methods according to WOA 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 WOA Standards for the designated pathogen or disease?

No

TOR4: DIAGNOSTIC TESTING FACILITIES

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

No

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

No

TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES

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

No

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

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:

12

*Snehal, J., S. Vimal, A. Nafeez Ahmed, A.S. Sahul Hameed, K. M. Paknikar and M.R. Jyutika, 2021. On-site detection of nodavirus in post larval (PL) stage of the giant prawn, *Macrobrachium rosenbergii*: A test to nip the problem in the bud. Aquaculture, 534, <https://doi.org/10.1016/j.aquaculture.2020.736292>*

b) International conferences:

0

c) National conferences:

0

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

0

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)	
ISO17025	PDF	Certificate TC-8595.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
RT-PCR for MrNV detection	National Accreditation Board for Testing and Calibration Laboratories

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

Yes

All standard procedures suggested by our Institutional Biosafety Committee are being followed to handle the sample, laboratory procedure for diagnosis and disposable of materials.

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 WOA REFERENCE LABORATORIES

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

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

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

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

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

No

Inter-laboratory proficiency tests have been carried out within India to validate the positive control and our diagnostic procedure as per the quality management system

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

Not applicable (only WOA 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 WOA Reference Laboratories for the same pathogen during the past 2 years?

No

Done within our country regularly as per the protocol of NABL accreditation

TOR12: EXPERT CONSULTANTS

A.Sait Sahul Hameed - - INDIA

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

No

29. Additional comments regarding your report:

No

We have to make an International surveillance program on the occurrence of MrNV in all freshwater prawn growing countries