WOAH Reference Laboratory Reports Activities 2022
Activities in 2022
This report has been submitted : 20 mars 2023 12:18

Laboratory Information

| Name of disease (or topic) for which you are a designated WOAH Reference Laboratory: | Infection with Macrobrachium rosenbergii nodavirus (white tail disease) |
| Address of laboratory: | C. Abdul Hakeem College, Melvisharam - 632509, Ranipet Dt., Tamilnadu, India |
| 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): | Dr. A. Sait Sahul Hameed Director, Aquatic Animal Health Laboratory, |
| Name (including Title and Position) of WOAH Reference Expert: | Dr. A. Sait Sahul Hameed Director, Aquatic Animal Health Laboratory, |
| 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

<table>
<thead>
<tr>
<th>Diagnostic Test</th>
<th>Indicated in WOAH Manual (Yes/No)</th>
<th>Total number of test performed last year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Nationally</td>
<td>Internationally</td>
</tr>
<tr>
<td>Indirect diagnostic tests</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clinical signs</td>
<td>yes</td>
<td>82</td>
</tr>
<tr>
<td>Direct diagnostic tests</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RT-PCR</td>
<td>yes</td>
<td>52</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>
TOR2: REFERENCE MATERIAL

2. Did your laboratory produce or supply imported standard reference reagents officially recognised by WOAH?
No

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

<table>
<thead>
<tr>
<th>TYPE OF REAGENT AVAILABLE</th>
<th>RELATED DIAGNOSTIC TEST</th>
<th>PRODUCED/ PROVIDE</th>
<th>AMOUNT SUPPLIED NATIONALLY (ML, MG)</th>
<th>AMOUNT SUPPLIED INTERNATIONALLY (ML, MG)</th>
<th>NO. OF RECIPIENT WOAH MEMBER COUNTRIES</th>
<th>COUNTRY OF RECIPIENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inactivated viral suspension/Total RNA/cDNA specific to virus</td>
<td>RT-PCR/ELISA/Western blot</td>
<td>provided</td>
<td>20 ml</td>
<td>0</td>
<td>0</td>
<td>Africa Asia and Pacific</td>
</tr>
</tbody>
</table>

4. Did your laboratory produce vaccines?
Not applicable

5. Did your laboratory supply vaccines to WOAH Members?
Not applicable

TOR3: NEW PROCEDURES

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

<table>
<thead>
<tr>
<th>NAME OF THE NEW TEST OR DIAGNOSTIC METHOD DEVELOPED</th>
<th>DESCRIPTION AND REFERENCES (PUBLICATION, WEBSITE, ETC.)</th>
</tr>
</thead>
</table>

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

8. Did your laboratory develop new vaccines for the designated pathogen or disease?
No

9. Did your laboratory validate vaccines according to WOAH Standards for the designated pathogen or disease?
No

TOR4: DIAGNOSTIC TESTING FACILITIES

10. Did your laboratory carry out diagnostic testing for other WOAH Members?
No

11. Did your laboratory provide expert advice in technical consultancies on the request of an WOAH Member?
12. Did your laboratory participate in international scientific studies in collaboration with WOAH Members other than the own?

No

**TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES**

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:

*Articles will be published in International journals*

*MS under preparation*

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 WOAH Members?

No

**TOR8: QUALITY ASSURANCE**
18. Does your laboratory have a Quality Management System?  
Yes

<table>
<thead>
<tr>
<th>Quality management system adopted</th>
<th>Certificate scan (PDF, JPG, PNG format)</th>
<th></th>
</tr>
</thead>
</table>

19. Is your quality management system accredited?  
Yes

<table>
<thead>
<tr>
<th>Test for which your laboratory is accredited</th>
<th>Accreditation body</th>
</tr>
</thead>
<tbody>
<tr>
<td>RT-PCR for WTD</td>
<td>National Accreditation Board for Testing and Calibration Laboratories</td>
</tr>
</tbody>
</table>

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

Following the instructions given by Institution Biosafety Committee to discard the samples and handling the samples

**TOR9: SCIENTIFIC MEETINGS**

21. Did your laboratory organise scientific meetings related to the pathogen in question on behalf of WOAH?  
No

22. Did your laboratory participate in scientific meetings related to the pathogen in question on behalf of WOAH?  
No

**TOR10: NETWORK WITH WOAH REFERENCE LABORATORIES**

23. Did your laboratory exchange information with other WOAH Reference Laboratories designated for the same pathogen or disease?  
Not applicable (only WOAH Reference Laboratory designated for the disease)

24. Are you a member of a network of WOAH Reference Laboratories designated for the same pathogen?  
Not applicable (Only WOAH Reference Laboratory designated for the disease)

25. Did you organise or participate in inter-laboratory proficiency tests with WOAH Reference Laboratories designated for the same pathogen?  
Not applicable (Only WOAH Reference Laboratory designated for the disease)

26. Did your laboratory collaborate with other WOAH Reference Laboratories for the same disease on scientific research projects for the diagnosis or control of the pathogen of interest?  
Not applicable (Only WOAH 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 WOAH Reference Laboratories for the same pathogen?  
No

**TOR12: EXPERT CONSULTANTS**
28. Did your laboratory place expert consultants at the disposal of WOAH?

No

29. Additional comments regarding your report:

Yes

_We have restriction to send the positive controls to other WOAH member countries due to COVID issue. Facing problems from customs and other agencies to send the materials outside the country._