

# WOAH Reference Laboratory Reports Activities 2024

This report has been submitted: 31 janvier 2025 00:10

## LABORATORY INFORMATION

<b>*Name of disease (or topic) for which you are a designated WOAHO Reference Laboratory:</b>	Taura syndrome
<b>*Address of laboratory:</b>	1117 E. Lowell St. Bldg 90, Room 114, Tucson AZ, 85721
<b>*Tel:</b>	+1-520 621 87.27
<b>*E-mail address:</b>	adhar@arizona.edu
<b>Website:</b>	<a href="https://aquapath.cales.arizona.edu/">https://aquapath.cales.arizona.edu/</a>
<b>*Name (including Title) of Head of Laboratory (Responsible Official):</b>	Dr. Arun K. Dhar
<b>*Name (including Title and Position) of WOAHO Reference Expert:</b>	Arun K. Dhar, Professor & Director, Aquaculture Pathology Laboratory
<b>*Which of the following defines your laboratory? Check all that apply:</b>	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 WOAHO Manual (Yes/No)	Total number of test performed last year	
Indirect diagnostic tests		Nationally	Internationally
Direct diagnostic tests		Nationally	Internationally
PCR	Yes	1175	549
Histopathology	Yes	40	

## 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?

Yes

Type of reagent available	Related diagnostic test	Produced/ provide	Amount supplied nationally (ml, mg)	Amount supplied internationally (ml, mg)	No. of recipient WOA Member Countries	Country of recipients
Positive Control	PCR	Produced	200 mg	500 mg	6	BRAZIL, COSTA RICA, ECUADOR, INDIA, MADAGASCAR, MEXICO,

4. Did your laboratory produce vaccines?

No

5. Did your laboratory supply vaccines to WOA Members?

No

## 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 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?

Yes

Name of WOA Member Country seeking assistance	Date	Which diagnostic test used	No. samples received for provision of diagnostic support	No. samples received for provision of confirmatory diagnoses
BELGIUM	2024-01-13	PCR	31	0
CANADA	2024-01-13	PCR	3	0
CHILE	2024-01-13	PCR	8	0

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COLOMBIA	2024-01-13	PCR	10	0
COSTA RICA	2024-01-13	PCR	1	0
FRANCE	2024-01-13	PCR	11	0
HONDURAS	2024-01-13	PCR	121	0
INDIA	2024-01-13	PCR	15	0
INDONESIA	2024-01-13	PCR	3	0
ISRAEL	2024-01-13	PCR	15	0
MADAGASCAR	2024-01-13	PCR	2	0
MALAYSIA	2024-01-13	PCR	4	0
MEXICO	2024-01-13	PCR	48	0
THE NETHERLANDS	2024-01-13	PCR	10	0
NORWAY	2024-01-13	PCR	8	0
RUSSIA	2024-01-13	PCR	21	0
SINGAPORE	2024-01-13	PCR	1	0
SPAIN	2024-01-13	PCR	2	0
OMAN	2024-01-13	PCR	96	0
THAILAND	2024-01-13	PCR	138	0
UNITED KINGDOM	2024-01-13	PCR	1	0
UNITED STATES OF AMERICA	2024-01-13	PCR	1175	0

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:

0

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?

Yes

a) Technical visit : 0

b) Seminars : 0

c) Hands-on training courses: 11

d) Internships (>1 month) 0

Type of technical training provided (a, b, c or d)	Country of origin of the expert(s) provided with training	No. participants from the corresponding country
C	UNITED STATES OF AMERICA	4
C	BRAZIL	2
C	FRANCE	1
C	PERU	1
C	SINGAPORE	1
C	CHINA (PEOPLE'S REP. OF)	2

## TOR8: QUALITY ASSURANCE

18. Does your laboratory have a Quality Management System?

Yes

Quality management system adopted	Certificate scan (PDF, JPG, PNG format)	
ISO 17025	pdf	UAZAPL 17025 Scope 2025.pdf
ISO 17043	pdf	UAZAPL 17043 Scope 2025.pdf

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USDA approval

pdf

UAZAPL Animal Import Permit 2024.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
Histology for all the OIE-listed pathogens	ANSI-ASQ National Accreditation Board
PCR for all the OIE-listed pathogens	ANSI-ASQ National Accreditation Board

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

Yes

The laboratory follows the University of Arizona Biosafety & Biosecurity plan.

## 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?

No

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

No

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

No

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?

No

## 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?

Yes

Purpose for inter-laboratory test comparisons <sup>1</sup>	Role of your reference laboratory (organizer/participant)	No. participating laboratories	Name of the test	WOA Member Countries
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Proficiency Test in shrimp pathogens detection by PCR - Ring Test February 2024	Organizer	33	TSV Ring Test	AUSTRALIA, BELIZE, BRUNEI, CHINA (PEOPLE'S REP. OF), COLOMBIA, ECUADOR, GUATEMALA, INDIA, ITALY, MALAYSIA, MEXICO, MOZAMBIQUE, PANAMA, PERU, SAUDI ARABIA, SINGAPORE, THAILAND, UNITED ARAB EMIRATES, UNITED STATES OF AMERICA, VIETNAM,
Proficiency Test in shrimp pathogens detection by PCR - Ring Test August 2024	Organizer	36	TSV Ring Test	ECUADOR, HONDURAS, INDIA, MADAGASCAR, MALAYSIA, MEXICO, NICARAGUA, OMAN, PERU, SINGAPORE, THAILAND, UNITED ARAB EMIRATES, UNITED STATES OF AMERICA, VIETNAM,

## TOR12: EXPERT CONSULTANTS

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

No

29. Additional comments regarding your report:

None.