

# WOAH Reference Laboratory Reports Activities 2023

## Activities in 2023

This report has been submitted : 10 mai 2024 12:48

### Laboratory Information

<b>Name of disease (or topic) for which you are a designated WOA Reference Laboratory:</b>	Middle East Respiratory Syndrome (MERS)
<b>Address of laboratory:</b>	P.O. Box 597 Dubai
<b>Tel.:</b>	+971-4 337.51.65
<b>E-mail address:</b>	cvrl@cvrl.ae
<b>Website:</b>	www.cvrl.ae
<b>Name (including Title) of Head of Laboratory (Responsible Official):</b>	Priv. Doz. Dr. Dr. habil. Ulrich Wernery
<b>Name (including Title and Position) of WOA Reference Expert:</b>	Priv. Doz. Dr. Dr. habil. Ulrich Wernery, Scientific Director
<b>Which of the following defines your laboratory? Check all that apply:</b>	Semi 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	
		Nationally	Internationally
Indirect diagnostic tests			
ELISA		1	0
Direct diagnostic tests			
Virus isolation		316	0
PCR		300	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 (nonWOA-approved) and/or other diagnostic reagents to WOA Members?

No

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 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?

Yes

NAME OF THE WOAHS MEMBER COUNTRY RECEIVING A TECHNICAL CONSULTANCY	PURPOSE	HOW THE ADVICE WAS PROVIDED
BAHRAIN	To perform epidemiological study	Virtual meeting
JAPAN	To study MERSV receptors in dromedary camels	face-to-face meeting at CVRL
GERMANY	Single MVA-MERS-S vaccination activates	Virtual meeting

**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:

0

b) International conferences:

1

*FAO-UNEP-WHO-WOAH Quadripartite Global Technical Meeting on MERS-CoV and other Emerging Zoonotic Coronaviruses, 2023, Riyadh*

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 WOAAH 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/IEC 17025:2017	PDF	CVRL.pdf
ISO/IEC 17025:2017	PDF	CentralVeterinaryLaboratory-CVRL-LB-TEST-208(004)Certificate2022.pdf
ISO/IEC 17025:2017	PDF	MBGX-QA0019.pdf
ISO/IEC 17025:2017	PDF	MBGX-QA0020.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
Brucella Culture	International Accreditation Service, Inc. U.S.A.
CEM- Culture for Taylorella equigenitalis	International Accreditation Service, Inc. U.S.A.
Brucellosis-CFT, RBT, SAT and ELISA	International Accreditation Service, Inc. U.S.A.
Dourine CFT	International Accreditation Service, Inc. U.S.A.
Glanders CFT	International Accreditation Service, Inc. U.S.A.
West Nile ELISA and West Nile IgG ELISA	International Accreditation Service, Inc. U.S.A.
AHS-ELISA	International Accreditation Service, Inc. U.S.A.
Strangles-ELISA	International Accreditation Service, Inc. U.S.A.
Theileria equi ELISA and IFAT	International Accreditation Service, Inc. U.S.A.
Babesia caballi ELISA and IFAT	International Accreditation Service, Inc. U.S.A.
MERS CoV ELISA	International Accreditation Service, Inc. U.S.A.
Equine infectious Anemia AGID	International Accreditation Service, Inc. U.S.A.
Virus Neutralisation Test for Equine Viral Arteritis (EVA - VNT)	International Accreditation Service, Inc. U.S.A.
Influenza A Virus Isolation	International Accreditation Service, Inc. U.S.A.
Avian paramyxovirus type 1 (APMV-1) Virus Isolation	International Accreditation Service, Inc. U.S.A.
MERS-Coronavirus (MERS-CoV) Isolation	International Accreditation Service, Inc. U.S.A.
Fluorescent Antibody Virus Neutralization (FAVN) Test for Rabies	International Accreditation Service, Inc. U.S.A.

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

Yes

## TOR9: SCIENTIFIC MEETINGS

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

No

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

Yes

Title of event	Date (mm/yy)	Location	Role (speaker, presenting poster, short communications)	Title of the work presented
FAO-UNEP-WHO-WOAH Quadripartite Global Technical Meeting on MERS -CoV and other Emerging Zoonotic Coronaviruses, 2023, Riyadh	2023-11-27	Saudi Arabia, Riyadh	Speaker	MERS-CoV infection and detection in dromedaries-CVRL Dubai Experience

## **TOR10: NETWORK WITH WOAHA REFERENCE LABORATORIES**

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

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

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

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

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

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

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

Not applicable (Only WOAHA 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 WOAHA Reference Laboratories for the same pathogen?

No

## **TOR12: EXPERT CONSULTANTS**

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

No

29. Additional comments regarding your report:

No