

# WOAH Reference Laboratory Reports Activities 2024

This report has been submitted: 30 janvier 2025 11:44

## LABORATORY INFORMATION

<b>*Name of disease (or topic) for which you are a designated WOAH Reference Laboratory:</b>	Middle East respiratory syndrome
<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 WOAH 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 WOAH Manual (Yes/No)	Total number of test performed last year	
Indirect diagnostic tests		Nationally	Internationally
Direct diagnostic tests		Nationally	Internationally
Virus isolation	Yes	293	0
PCR	Yes	2	0

## TOR2: REFERENCE MATERIAL

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

No

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

No

4. Did your laboratory produce vaccines?

No

5. Did your laboratory supply vaccines to WOA?H 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?H 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?H Standards for the designated pathogen or disease?

No

## **TOR4: DIAGNOSTIC TESTING FACILITIES**

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

No

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

No

## **TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES**

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

No

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

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 H 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 1705:2017	PDF	CentralVeterinaryLaboratory-CVRL-LB-TEST-EIAC.pdf
ISO/IEC 1705:2017	PDF	CVRL-IAS.pdf
ISO/IEC 1705:2017	PDF	MBGX-Veterinary.pdf
ISO/IEC 15189:2012	PDF	MBGX-medical.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
Brucella Culture	International Accreditation Service Inc. USA
CEM- Culture for Taylorella equigenitalis	International Accreditation Service Inc. USA
Brucellosis ELISA, CFT, RBT and SAT	International Accreditation Service Inc. USA
Dourine CFT	International Accreditation Service Inc. USA
Glanders CFT	International Accreditation Service Inc. USA
West Nile IgM ELISA	International Accreditation Service Inc. USA

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Strangles ELISA	International Accreditation Service Inc. USA
AHS ELISA	International Accreditation Service Inc. USA
West Nile ELISA	International Accreditation Service Inc. USA
Theileria equi ELISA and IFAT	International Accreditation Service Inc. USA
Babesia caballi ELISA and IFAT	International Accreditation Service Inc. USA
MERS CoV ELISA	International Accreditation Service Inc. USA
Equine infectious Anemia AGID	International Accreditation Service Inc. USA
Virus Neutralisation Test for Equine Viral Arteritis (EVA - VNT)	International Accreditation Service Inc. USA
Influenza A Virus Isolation	International Accreditation Service Inc. USA
Avian paramyxovirus type 1 (APMV-1) Virus Isolation	International Accreditation Service Inc. USA
MERS-Coronavirus (MERS-CoV) Isolation	International Accreditation Service Inc. USA
Fluorescent Antibody Virus Neutralization (FAVN) Test for Rabies	International Accreditation Service Inc. USA

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

Yes

The laboratory facility, management practices, and biosecurity procedures are regularly monitored to ensure specific biosafety and laboratory biosecurity at CVRL.

## TOR9: SCIENTIFIC MEETINGS

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

No

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

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)

*Only WOAHP Reference Laboratory designated for the disease*

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?

No

*We did not organize or participate*

## TOR12: EXPERT CONSULTANTS

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

No

29. Additional comments regarding your report:

No

*CVRL is facing difficulties in procuring antibody ELISA test kits therefore, we are forced to discontinue serological testing using the ELISA method from October 2025. The only serological test available is VNT which makes no sense to perform as more than 95% of dromedary camels possess antibodies. As dromedaries do not develop disease caused by MERS CoV, we are unsure how to deal with this infection in the future and therefore, most probably MERS chapter in the WOA manual has no relevance anymore.*