

WOAH Reference Laboratory Reports Activities 2023

Activities in 2023

This report has been submitted : 30 juin 2024 21:20

Laboratory Information

Name of disease (or topic) for which you are a designated WOAHO Reference Laboratory:	Sheep pox and goat pox
Address of laboratory:	P.O. Box 31975/148 Hessarak Karaj Alborz IRAN
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E-mail address:	vet_chaheh@yahoo.com / m.h.ebrahimijam@rvsri.ac.ir
Website:	www.rvsri.ac.ir
Name (including Title) of Head of Laboratory (Responsible Official):	Director General: Dr. Ali Es-haghi
Name (including Title and Position) of WOAHO Reference Expert:	Mohammad Hassan Ebrahimi-jam, DVM, PhD / Head of sheep & goat pox laboratory / head of animal viral vaccines department of Razi Institute
Which of the following defines your laboratory? Check all that apply:	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 WOAHO Manual (Yes/No)	Total number of test performed last year	
		Nationally	Internationally
Indirect diagnostic tests			
virus neutralisation test (neutralisation index)		170	0
Direct diagnostic tests			
Polymerase Chain Reaction (PCR),P32 Gene		10	0
PCR- RFLP GPCR gene		2	0
Susceptible Animal Inoculation		12	0
Virus Isolation on Cell culture		0	0

TOR2: REFERENCE MATERIAL

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

No

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

Yes

TYPE OF REAGENT AVAILABLE	RELATED DIAGNOSTIC TEST	PRODUCED/ PROVIDE	AMOUNT SUPPLIED NATIONALLY (ML, MG)	AMOUNT SUPPLIED INTERNATIONALLY (ML, MG)	NO. OF RECIPIENT WOAHO MEMBER COUNTRIES	COUNTRY OF RECIPIENTS
Sheep pox reference virus (RM/65 strain)	VNT (based NI)	provide	own laboratory use	0	1	IRAN,

Goat pox reference virus (Gorgan Strain)	VNT (based NI)	provide	own laboratory use	0	1	IRAN,
GTPV Hyper immune serum)	VNT (based NI)	Produce/ provide	10 ml own laboratory	0	1	IRAN,

4. Did your laboratory produce vaccines?

Yes

5. Did your laboratory supply vaccines to WOAHO Members?

Yes

VACCINE NAME	AMOUNT SUPPLIED NATIONALLY	AMOUNT SUPPLIED NATIONALLY (ML, MG)	NAME OF RECIPIENT WOAHO MEMBERS
Live attenuated sheep pox vaccine	0	61974000 Doses	IRAN
Live attenuated goat pox vaccine	0	26892000 Doses	IRAN
Inactivated goat pox vaccine	0	72850 Doses	IRAN

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 WOAHO 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 WOAHO Standards for the designated pathogen or disease?

No

TOR4: DIAGNOSTIC TESTING FACILITIES

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

No

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

No

TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES

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

No

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

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 WOAHA 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/ICE 17025	JPG	2 001.jpg

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
PCR	Analitica

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 WOAHA?

Yes

NATIONAL/INTERNATIONAL	TITLE OF EVENT	CO-ORGANISER	DATE (MM/YY)	LOCATION	NO. PARTICIPANTS
International	An overview of sheep pox and goat pox vaccine production	Razi institute and	2023-07-05	Razi Institute / IRAN	7

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

Yes

Title of event	Date (mm/yy)	Location	Role (speaker, presenting poster, short communications)	Title of the work presented
Sheep and Goat Pox Preparedness Online Course	2023-10-12	VIRTUALLY	Reference expert	Our laboratory participated in sheep pox and goat pox preparedness course as WOAHA's expert

TOR10: NETWORK WITH WOAHA REFERENCE LABORATORIES

23. Did your laboratory exchange information with other WOAHA 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?

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?

No

TOR12: EXPERT CONSULTANTS

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

No

29. Additional comments regarding your report:

Yes

Regarding international activities, we respectfully attract your attention to the following issues.

1. Regarding TOR7, our laboratory and Iran veterinary organization have co-organized a course as an overview of sheep pox and goat pox vaccine production which was held for vets of Mali and

2. This laboratory is ready to participate in inter-laboratory proficiency tests with other WOA laboratories