

WOAH Reference Laboratory Reports Activities 2022

Activities in 2022

This report has been submitted : 31 mai 2023 15:59

Laboratory Information

Name of disease (or topic) for which you are a designated WOA Reference Laboratory:	Sheep pox and goat pox
Address of laboratory:	P.O. Box 31975/148 Hessarak Karaj Alborz IRAN
Tel.:	+98-26 34988575
E-mail address:	int@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 WOA Reference Expert:	Dr. Ali Es-haghi PhD
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 WOA Manual (Yes/No)	Total number of test performed last year	
Indirect diagnostic tests		Nationally	Internationally
Virus Neutralisation Test(Neutralisation Index)	Yes	316	0
Direct diagnostic tests		Nationally	Internationally
Polymerase Chain Reaction (PCR),Gene P32	Yes	12	0
PCR-RFLP, Gene, GPCR	Yes	3	0
Susceptible Animal Inoculation	Yes	4	0

Virus Isolation on Cell Culture	Yes	0	0
VNT	Yes	65	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?

Yes

TYPE OF REAGENT AVAILABLE	RELATED DIAGNOSTIC TEST	PRODUCED/ PROVIDE	AMOUNT SUPPLIED NATIONALLY (ML, MG)	AMOUNT SUPPLIED INTERNATIONALLY (ML, MG)	NO. OF RECIPIENT WOA?H MEMBER COUNTRIES	COUNTRY OF RECIPIENTS
Sheep pox Reference Virus (RM/65)	VNT (Based on N.I.)	Provide	Own Laboratory Use	0	0	
Goat pox Reference virus (Georgan strain)	VNT (Based on N.I.)	Provide	Own Laboratory Use	0	0	
GPV Hyper immune Serum	VNT	Produced/ provide	30 ml	0	0	

4. Did your laboratory produce vaccines?

Yes

5. Did your laboratory supply vaccines to WOA?H Members?

Yes

VACCINE NAME	AMOUNT SUPPLIED NATIONALLY	AMOUNT SUPPLIED NATIONALLY (ML, MG)	NAME OF RECIPIENT WOA?H MEMBERS
Sheep Pox Virus Attenuated Vaccine		71,272,000 Doses	AFGHANISTAN
Goat Pox Virus Attenuated Vaccine		27,334,000 Doses	AFGHANISTAN
Inactivated Goat Pox Vaccine		27,334,000 Doses	
Goat Pox Virus Attenuated Vaccine for LSD		100,000 Doses	

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 WOAH Members?

No

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

No

TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES

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

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:

1
*Determining the Duration of Maternal Immunity
Against Sheep Pox in Lambs*
Mohammad Hassan Ebrahimi-Jam, 1 Ali Reza Yousefi, 2 Hamid Reza Varshovi, 1
Zeynab Hedayati, 1 and Mohammad Aghaebrahimian
VIRAL IMMUNOLOGY
Volume 35, Number 4, 2022, Inc. Pp. 310–317

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

Quality management system adopted	Certificate scan (PDF, JPG, PNG format)	
ISO/IEC 17025	JPG	5.06.2.2_ISO17025.pdf

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 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?

Yes

24. Are you a member of a network of WOAH Reference Laboratories designated for the same pathogen?

No

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

No

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?

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

1-We kindly bring your attention to the following explanation:

Due to the retirement of our last expert(Dr. Hamid Reza Varshovi) and also our new nominee(Dr. Mohammad Hassan Ebrahimi-jam) not accepted yet, Dr. Es- Haghi as the head of the laboratory is mentioned as the expert in the beginning of the report.

2- Regarding international activities, we respectfully attract your attention to the following issues:

- In the past few years we had no requests for technical training from other WOA members, due to the issues caused by the covid 19*
- Unfortunately, there has been no request for diagnosis from other countries in the past few years*

3- This laboratory recommends participating in the activities below:

- Participating in inter-laboratory proficiency tests with laboratories of the WOA.*
- Accepting the sample from other countries for confirmatory diagnosis.*