

WOAH Reference Laboratory Reports Activities 2023

Activities in 2023

This report has been submitted : 1 juillet 2024 08:29

Laboratory Information

Name of disease (or topic) for which you are a designated WOAHO Reference Laboratory:	Glanders
Address of laboratory:	FLI, Naumburger Str. 96a, 07753 Jena, Germany
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Name (including Title) of Head of Laboratory (Responsible Official):	Prof. Heinrich Neubauer
Name (including Title and Position) of WOAHO Reference Expert:	Prof. Heinrich Neubauer
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			
CFT, IB, ELISA		0	5
Direct diagnostic tests			
0		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 (nonWOAH-approved) and/or other diagnostic reagents to WOAHO Members?

No

4. Did your laboratory produce vaccines?

No

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

Yes

NAME OF THE NEW TEST OR DIAGNOSTIC METHOD DEVELOPED	DESCRIPTION AND REFERENCES (PUBLICATION, WEBSITE, ETC.)
ID Screen Glanders Double Antigen Multispecies ELISA (IDvet)	Presently samples were spread to UK, France, Brazil, Dubai, Australia (planned is still China and India) for further interlaboratory validation data

8. Did your laboratory develop new vaccines for the designated pathogen or disease?

No

9. Did your laboratory validate vaccines according to WOAHP Standards for the designated pathogen or disease?

No

TOR4: DIAGNOSTIC TESTING FACILITIES

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

Yes

NAME OF WOAHP 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	2023-01-01	CFT	1	1
UNITED ARAB EMIRATES	2023-02-01	CFT, IB, ELISA	1	1
BELGIUM	2023-05-01	CFT	1	1
BELGIUM	2023-07-01	CFT, IB, ELISA	1	1
CANADA	2023-09-01	CFT, IB, ELISA	1	1

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

No

TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES

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

Yes

Title of the study	Duration	PURPOSE OF THE STUDY	PARTNERS (INSTITUTIONS)	WOAHP MEMBER COUNTRIES INVOLVED OTHER THAN YOUR COUNTRY
Interlaboratory validation of ID Screen Glanders Double Antigen Multispecies ELISA (IDvet)	2023-2024	Interlaboratory validation of ID Glanda ELISA for recommendation of this test as alternative to CFT for movement of euids	Central Veterinary Research Laboratory 17 Sub street of 22 A Street Community 337 Zabeel 2 Dubai, UAE	UNITED ARAB EMIRATES
Interlaboratory validation of ID Screen Glanders Double Antigen Multispecies ELISA (IDvet)	2023-2024	Interlaboratory validation of ID Glanda ELISA for recommendation of this test as alternative to CFT for movement of euids	Anses, Laboratoire de santé animale, Unité Zoonoses bactériennes, Equipe Morve, 14 rue Pierre et Marie Curie, 94701 Maisons-Alfort - France	FRANCE
Interlaboratory validation of ID Screen Glanders Double Antigen Multispecies ELISA (IDvet)	2023-2024	Interlaboratory validation of ID Glanda ELISA for recommendation of this test as alternative to CFT for movement of euids	FAO Anna Haughey Animal and Plant Health Agency New Haw Addlestone Surrey	UNITED KINGDOM
Interlaboratory validation of ID Screen Glanders Double Antigen Multispecies ELISA (IDvet)	2023-2024	Interlaboratory validation of ID Glanda ELISA for recommendation of this test as alternative to CFT for movement of euids	Pan American Center for Foot-and-Mouth Disease and Veterinary Public Health PAHO/WHO Av. Gov. Leonel de Moura Brizola 7778 Duque de Caxias, Rio de Janeiro, Brasil	BRAZIL
Interlaboratory validation of ID Screen Glanders Double Antigen Multispecies ELISA (IDvet)	2023-2024	Interlaboratory validation of ID Glanda ELISA for recommendation of this test as alternative to CFT for movement of euids	Australian Centre for Disease Preparedness, 5 Portarlington Road, Geelong East,	AUSTRALIA

Interlaboratory validation of ID Screen Glanders Double Antigen Multispecies ELISA (IDvet)	2023-2024	Interlaboratory validation of ID Glanda ELISA for recommendation of this test as alternative to CFT for movement of euids	Harbin Veterinary Research Institute of Chinese Academy of Agricultural Sciences 678 Haping Road, Xiangfang District, Harbin 150069	CHINA (PEOPLE'S REP. OF)
Interlaboratory validation of ID Screen Glanders Double Antigen Multispecies ELISA (IDvet)	2023-2024	Interlaboratory validation of ID Glanda ELISA for recommendation of this test as alternative to CFT for movement of euids	National Research Centre on Equines Sirsa Road, Hisar - 125 001 (Haryana) - India	INDIA

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

Yes

Research need : 1

Please type the Research need: Supporting activities replacing CFT as only accepted test for trade by well validated recELISA

Relevance for WOA?H Disease Control,

Relevance for the Codes or Manual Manual,

Field Diagnostics,

Animal Category Terrestrial,

Disease:

Glanders

Kind of disease (Zoonosis, Transboundary diseases) Zoonosis, Transboundary diseases,

If any, please specify relevance for Codes or Manual, chapter and title

(e.g. Terrestrial Manual Chapter 2.3.5 - Minimum requirements for aseptic production in vaccine manufacture)

Answer: Supporting activities replacing CFT as only accepted test for trade by well validated recELISA

Notes:

Answer:

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:

b) International conferences:

c) National conferences:

d) Other (Provide website address or link to appropriate information):

TOR7: SCIENTIFIC AND TECHNICAL TRAINING

17. Did your laboratory provide scientific and technical training to laboratory personnel from other WOAHA Members?

Yes

a) Technical visit : 0

b) Seminars : 0

c) Hands-on training courses: 3

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	TUNISIA	2
C	ALGERIA	1

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	Akkreditierungsurkunde_2022.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
Microbiological, serological and molecular diagnosis	DAKKS

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

Yes

following the German law of Biostoff-Verordnung, e.g. Access control to all labs by administrative regulations, Existence of a Biorisk Committee, regularly audits by external responsible authorities

TOR9: SCIENTIFIC MEETINGS

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

No

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
Joint Action SHARP Strengthened International HeAlth Regulations and Preparedness in the EU Work Package 7: Laboratory preparedness and responsiveness Meeting on "Diagnostics & NGS – Best Practices"	2023-12-09	Rom, Italy	Participant	

TOR10: NETWORK WITH WOAHA REFERENCE LABORATORIES

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

Yes

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

Yes

NETWORK/DISEASE	ROLE OF YOUR LABORATORY (PARTICIPANT, ORGANISER, ETC)	NO. PARTICIPANTS	PARTICIPATING WOH REF. LABS
Glanders	participant, organizer	6	CVRL Dubai, ANSES France

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

Yes

PURPOSE OF THE PROFICIENCY TESTS: 1	ROLE OF YOUR REFERENCE LABORATORY (ORGANISER/ PARTICIPANT)	NO. PARTICIPANTS	PARTICIPATING WOH REF. LABS/ ORGANISING WOH REF. LAB.
Validation ELISA-CFT	organizer	6	CVRL Dubai, ANSES France

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

Yes

TITLE OF THE PROJECT OR CONTRACT	SCOPE	NAME(S) OF RELEVANT WOH REFERENCE LABORATORIES
Validation of ID Glanda ELISA	Interlaboratory comparison	CVRL Dubai, ANSES France

TOR11: OTHER INTERLABORATORY PROFICIENCY TESTING

27. Did your laboratory organise or participate in inter-laboratory proficiency tests with laboratories other than WOH Reference Laboratories for the same pathogen?

Yes

Purpose for inter-laboratory test comparisons ¹	Role of your reference laboratory (organizer/participant)	No. participating laboratories	Name of the Test	WOAH Member Countries
CFT	participant	17	CFT	
ELISA, CFT	organizer	4	ELISA, CFT	AUSTRALIA, BRAZIL, CHINA (PEOPLE'S REP. OF), INDIA, UNITED ARAB EMIRATES, UNITED KINGDOM,
CFT	organizer	1	CFT	UKRAINE,

TOR12: EXPERT CONSULTANTS

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

No

29. Additional comments regarding your report: