

WOAH Reference Laboratory Reports Activities 2022

Activities in 2022

This report has been submitted : 27 avril 2023 10:00

Laboratory Information

Name of disease (or topic) for which you are a designated WOA Reference Laboratory:	Contagious bovine pleuropneumonia
Address of laboratory:	Botswana National Veterinary Laboratory, Private Bag 0035, Gaborone, Botswana
Tel.:	+267 3733503
E-mail address:	cmarobela-raborokgwe@gov.bw
Website:	
Name (including Title) of Head of Laboratory (Responsible Official):	Dr Chandapiwa Marobela-Raborokgwe
Name (including Title and Position) of WOA Reference Expert:	Dr Chandapiwa Marobela-Raborokgwe, Deputy Director
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
CFT	Yes	3323	
Direct diagnostic tests		Nationally	Internationally

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 (nonWOAH-approved) and/or other diagnostic reagents to WOA 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 MEMBER COUNTRIES	COUNTRY OF RECIPIENTS
Antigen	Complement Fixation Test (CFT)	Provided	10ml	15ml	2	Africa

4. Did your laboratory produce vaccines?

Not applicable

5. Did your laboratory supply vaccines to WOA Members?

Not applicable

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 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 Standards for the designated pathogen or disease?

No

TOR4: DIAGNOSTIC TESTING FACILITIES

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

No

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

Yes

NAME OF THE WOA MEMBER COUNTRY RECEIVING A TECHNICAL CONSULTANCY	PURPOSE	HOW THE ADVICE WAS PROVIDED
PHILIPPINES	Enquiry on testing protocols.	Protocols provided by email.

TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES

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

Yes

Title of the study	Duration	PURPOSE OF THE STUDY	PARTNERS (INSTITUTIONS)	WOA MEMBER COUNTRIES INVOLVED OTHER THAN YOUR COUNTRY

A survey of antimicrobial resistance profiles of mycoplasma mycoides mycoides isolates from southern africa. A case study of Tanzania.	3years	Establish baseline data for Antibiotic use in the treatment of CBPP and the occurrence of antimicrobial resistance in Mycoplasma mycoides strains in SubSaharan Africa	Istituto Zooprofilattico Sperimentale delle Abruzzo e del' Molise (G. Caporale) Tanzania Veterinary Laboratory Agency University of Pretoria	ITALY SOUTH AFRICA TANZANIA
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TOR6: EPIZOOLOGICAL DATA

14. Did your Laboratory collect epidemiological data relevant to international disease control?

Yes

IF THE ANSWER IS YES, PLEASE PROVIDE DETAILS OF THE DATA COLLECTED:

National CBPP serosurveillance

15. Did your laboratory disseminate epidemiological data that had been processed and analysed?

Yes

IF THE ANSWER IS YES, PLEASE PROVIDE DETAILS OF THE DATA COLLECTED:

WOAH dossier for CBPP freedom

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 :

b) Seminars :

c) Hands-on training courses: 2

d) Internships (>1 month)

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	Tanzania	1
C	Nigeria	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/IEC 17025:2017	pdf	SADCAS Accreditation Certificate 2017 version.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
CFT	Southern African Development Community Accreditation Service (SADCAS)

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

Yes

Implementation of ISO/IEC 17025:2017 Standard and observation of WOAHA Terrestrial Animal Manual chapter for Biosafety and Biosecurity.

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	ERFAN – CBPP Working Group Southern Africa Online Meeting	Istituto Zooprofilattico Sperimentale delle Abruzzo e del' Molise (G. Caporale)	2022-02-15	Online	11

International	ERFAN Working Group Meeting - CBPP	Istituto Zooprofilattico Sperimentale delle Abruzzo e del' Molise (G. Caporale)	2022-07-26	Lusaka, Zambia	25
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22. Did your laboratory participate in scientific meetings related to the pathogen in question on behalf of WOA?

No

TOR10: NETWORK WITH WOA REFERENCE LABORATORIES

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

Yes

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

Yes

PURPOSE OF THE PROFICIENCY TESTS: 1	ROLE OF YOUR REFERENCE LABORATORY (ORGANISER/ PARTICIPANT)	NO. PARTICIPANTS	PARTICIPATING WOA REF. LABS/ ORGANISING WOA REF. LAB.
Quality assurance	Organiser	5	Italy/ Botswana

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

Yes

PURPOSE OF THE PROFICIENCY TESTS: 1	ROLE OF YOUR REFERENCE LABORATORY (ORGANISER/ PARTICIPANT)	NO. PARTICIPANTS	PARTICIPATING WOA REF. LABS/ ORGANISING WOA REF. LAB.
Quality assurance	Organiser	5	Italy/

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?

Yes

TITLE OF THE PROJECT OR CONTRACT	SCOPE	NAME(S) OF RELEVANT WOA REFERENCE LABORATORIES
A survey of antimicrobial resistance profiles of mycoplasma mycoides mycoides isolates from Southern Africa. A case study of Tanzania.	Establish baseline data for Antibiotic use in the treatment of CBPP and the occurrence of antimicrobial resistance in Mycoplasma mycoides mycoides strains in SubSaharan Africa	Istituto Zooprofilattico Sperimentale delle Abruzzo e del' Molise (G. Caporale)

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?

Yes

Purpose for			Region(s) of
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inter-laboratory test comparisons ¹	Role of your reference laboratory (organizer/participant)	No. participating laboratories	participating WOAH Member Countries
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Quality assurance

Organiser

3

Africa

TOR12: EXPERT CONSULTANTS

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

Yes

KIND OF CONSULTANCY	Location	SUBJECT (FACULTATIVE)
ad hoc Group meeting	online	Evaluation of WOA member country freedom status dossiers

29. Additional comments regarding your report:

No