

WOAH Reference Laboratory Reports Activities 2022

Activities in 2022

This report has been submitted : 25 avril 2023 13:25

Laboratory Information

Name of disease (or topic) for which you are a designated WOA Reference Laboratory:	Anaplasmosis
Address of laboratory:	Carretera Cuernavaca Cuautla #8534 Colonia Progreso CB 62550, Jiutepec Morelos MEXICO
Tel.:	+52-777 3.19.02.02
E-mail address:	joel.mosqueda@uaq.mx
Website:	https://www.gob.mx/senasica/acciones-y-programas/centro-nacional-de-servicios-de-constatacion-en-salud-animal-cenapa
Name (including Title) of Head of Laboratory (Responsible Official):	Biól. María del Rosario Quezada Delgado
Name (including Title and Position) of WOA Reference Expert:	MVZ, PhD Juan Joel Mosqueda Gualito
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
Tecnica de ELISA indirecta para anticuerpos contra Anaplasma marginale	yes	89	

Direct diagnostic tests		Nationally	Internationally
Frotis sanguíneo	yes	293	

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

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?

Yes

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

DETECCIÓN MOLECULAR DE BABESIA BIGEMINA, BABESIA BOVIS Y ANAPLASMA MARGINALE EN BÚFALOS DE AGUA (BUBALUS BUBALIS) EN UN RANCHO DE TABASCO. Congreso de Ciencias Veterinarias y producción animal. Hidalgo 2022.

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:

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1. DETECCIÓN MOLECULAR DE BABESIA BIGEMINA, BABESIA BOVIS Y ANAPLASMA MARGINALE EN BÚFALOS DE AGUA (BUBALUS BUBALIS) EN UN RANCHO DE TABASCO. Congreso de Ciencias Veterinarias y producción animal. Hidalgo 2022.

2. Epidemiología, diagnóstico y control de hemoparásitos en Bovinos. Primer Seminario de Actualización en Parasitología de Animales en Producción. Oaxaca Noviembre 30. 2022

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 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 17025	pdf	2 - certificado ISO17025 LAB ENSAYOS.pdf

19. Is your quality management system accredited?

Yes

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Test for which your laboratory is accredited	Accreditation body
Certificación del Sistema de Calidad	SIGE
Acreditación del Sistema de Calidad	Entidad Mexicana de Acreditación EMA

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

Yes

We follow the Manual of Diagnostic Tests and Vaccines for Terrestrial Animals, Chapter 1.1.4

TOR9: SCIENTIFIC MEETINGS

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

Yes

NATIONAL/ INTERNATIONAL	TITLE OF EVENT	CO-ORGANISER	DATE (MM/YY)	LOCATION	NO. PARTICIPANTS
National	Primer Seminario de Actualización en Parasitología de Animales en Producción	Universidad Autonoma Benito Juarez de Oaxaca	2022-11-30	Oaxaca	100

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

Yes

Title of event	Date (mm/yy)	Location	Role (speaker, presenting poster, short communications)	Title of the work presented
Congreso Nacional de Ciencias Veterinarias y Producción Animal	2022-11-03	Tulancingo Hgo, Mexico	Comunicación breve	Detección molecular de Babesia bigemina, Babesia bovis y Anaplasma marginale en búfalos de agua (Bubalus bubalis) en un rancho de Tabasco

TOR10: NETWORK WITH WOA REFERENCE LABORATORIES

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

Not applicable (only WOA Reference Laboratory designated for the disease)

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

Not applicable (Only WOA Reference Laboratory designated for the disease)

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

Not applicable (Only WOA Reference Laboratory designated for the disease)

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?

Not applicable (Only WOA 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 WOA Reference Laboratories for the same pathogen?

No

TOR12: EXPERT CONSULTANTS

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

Yes

KIND OF CONSULTANCY	Location	SUBJECT (FACULTATIVE)
Revision of Anaplasmosis manual	Local	I was asked to revise the Anaplasmosis chapter

29. Additional comments regarding your report:

Due to COVID-19 it has been very difficult to work on collaborative exchange of samples to conduct scientific or epidemiology studies. We are the only reference laboratory for this disease in the world and collaborative exchange has been very difficult due to import restrictions. We are asking SENASICA officials to help us ease import samples procedures.