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 WOAH 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 WOAH 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

<table>
<thead>
<tr>
<th>Diagnostic Test</th>
<th>Indicated in WOAH Manual (Yes/No)</th>
<th>Total number of test performed last year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indirect diagnostic tests</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tecnia de ELISA indirecta para anticuerpos contra Anaplasm marginale</td>
<td>yes</td>
<td>89</td>
</tr>
</tbody>
</table>

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### TOR2: REFERENCE MATERIAL

2. Did your laboratory produce or supply imported standard reference reagents officially recognised by WOAH?
   - No

3. Did your laboratory supply standard reference reagents (non-WOAH-approved) and/or other diagnostic reagents to WOAH Members?
   - No

4. Did your laboratory produce vaccines?
   - No

5. Did your laboratory supply vaccines to WOAH 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 WOAH 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 WOAH 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?
    - Yes
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:

   2

   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 produccion 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):

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**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

<table>
<thead>
<tr>
<th>Quality management system adopted</th>
<th>Certificate scan (PDF, JPG, PNG format)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 17025</td>
<td>pdf</td>
</tr>
<tr>
<td></td>
<td>2 - certificado ISO17025 LAB ENSAYOS.pdf</td>
</tr>
</tbody>
</table>

19. Is your quality management system accredited?

Yes
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 WOAH?
Yes

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

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

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

**TOR10: NETWORK WITH WOAH REFERENCE LABORATORIES**

23. Did your laboratory exchange information with other WOAH Reference Laboratories designated for the same pathogen or disease?
Not applicable (Only WOAH Reference Laboratory designated for the disease)

24. Are you a member of a network of WOAH Reference Laboratories designated for the same pathogen?
Not applicable (Only WOAH Reference Laboratory designated for the disease)

25. Did you organise or participate in inter-laboratory proficiency tests with WOAH Reference Laboratories designated for the same pathogen?
Not applicable (Only WOAH Reference Laboratory designated for the disease)

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

No

**TOR12: EXPERT CONSULTANTS**

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

Yes

<table>
<thead>
<tr>
<th>KIND OF CONSULTANCY</th>
<th>Location</th>
<th>SUBJECT (FACULTATIVE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revision of Anaplasmosis manual</td>
<td>Local</td>
<td>I was asked to revise the Anaplasmosis chapter</td>
</tr>
</tbody>
</table>

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.*