WOAH Reference Laboratory Reports Activities 2022

Activities in 2022

This report has been submitted: 30 mars 2023 18:03

**Laboratory Information**

| Name of disease (or topic) for which you are a designated WOAH Reference Laboratory: | Paratuberculosis |
| Address of laboratory: | Talcahuano 1660, CP 1640, Martínez, Buenos Aires, Argentina |
| Tel.: | +5411 4874 67 35 |
| E-mail address: | balonso@senasa.gob.ar |
| Website: | www.senasa.gob.ar |
| Name (including Title) of Head of Laboratory (Responsible Official): | Ana María Nicola, Directora General del Laboratorio |
| Name (including Title and Position) of WOAH Reference Expert: | MV Bernardo Alonso, Analista Profesional |
| 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>
<th>Nationally</th>
<th>Internationally</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Indirect diagnostic tests</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Detección de anticuerpos por ELISA</td>
<td>si</td>
<td>160</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td><strong>Direct diagnostic tests</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cultivo e identificación Bacteriana</td>
<td>si</td>
<td>15</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>microscopía</td>
<td>si</td>
<td>s/d</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>
### 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 (nonWOAH-approved) and/or other diagnostic reagents to WOAH Members?
   - Yes

<table>
<thead>
<tr>
<th>TYPE OF REAGENT AVAILABLE</th>
<th>RELATED DIAGNOSTIC TEST</th>
<th>PRODUCED/ PROVIDE</th>
<th>AMOUNT SUPPLIED NATIONALLY (ML, MG)</th>
<th>AMOUNT SUPPLIED INTERNATIONALLY (ML, MG)</th>
<th>NO. OF RECIPIENT WOAH MEMBER COUNTRIES</th>
<th>COUNTRY OF RECIPIENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPD bovina</td>
<td>prueba de hipersensibilidad retardada</td>
<td>producido / suministrado</td>
<td>460 ml</td>
<td>80 ml</td>
<td>4</td>
<td>America</td>
</tr>
<tr>
<td>PPD Aviar</td>
<td>prueba de hipersensibilidad retardada</td>
<td>producido / suministrado</td>
<td>105 ml</td>
<td>60 ml</td>
<td>3</td>
<td>America</td>
</tr>
<tr>
<td>cepas de referencia</td>
<td>producción de PPD / tipificación bacteriana / Ensayos de investigación</td>
<td>producido / suministrado</td>
<td>8 viales</td>
<td>12 viales</td>
<td>3</td>
<td>America</td>
</tr>
<tr>
<td>polvo de Mycobacterium phlei</td>
<td>ELISA</td>
<td>suministrado</td>
<td>15 g</td>
<td>-</td>
<td>1</td>
<td>America</td>
</tr>
</tbody>
</table>

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?
Yes

<table>
<thead>
<tr>
<th>NAME OF THE WOAH MEMBER COUNTRY RECEIVING A TECHNICAL CONSULTANCY</th>
<th>PURPOSE</th>
<th>HOW THE ADVICE WAS PROVIDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOMINICAN (REP.) PARAGUAY URUGUAY VENEZUELA</td>
<td>Producción y Control de tuberculinas</td>
<td>envío de material de referencia / consultas via e-mail / consultas presenciales</td>
</tr>
<tr>
<td>URUGUAY</td>
<td>producción y control de tuberculinas ppd</td>
<td>envío de cepas de referencia / envío de tuberculinas para ser utilizadas como estándares secundarios</td>
</tr>
<tr>
<td>VENEZUELA</td>
<td>producción y control de tuberculinas ppd</td>
<td>envío de cepas de referencia</td>
</tr>
</tbody>
</table>

**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?
Yes

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

Nuestro laboratorio realiza el diagnóstico de todos aquellos animales susceptibles a paratuberculosis que son importados o exportados, de acuerdo a las exigencias del país importador y los protocolos vigentes entre Argentina y los distintos países.

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:**

Se informa a la Dirección de SENASA encargada de emitir los certificados de ingreso y/o egreso de animales a la República Argentina

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:
0
b) International conferences:

0

c) National conferences:

0

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

www.senasa.gob.ar

**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-IEC 17025</td>
<td>Certificado_de_acreditación OAA 2022.pdf</td>
</tr>
</tbody>
</table>

19. Is your quality management system accredited?

No

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?

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>Update on live M. bovis ANS GP-challenge based assessment of potency of</td>
<td>mayo 2022</td>
<td>web meeting</td>
<td>integrante de grupo ad hoc / presentación de</td>
<td>informes parciales de</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?  
Yes

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

<table>
<thead>
<tr>
<th>PURPOSE OF THE PROFICIENCY TESTS: 1</th>
<th>ROLE OF YOUR REFERENCE LABORATORY (ORGANISER/PARTICIPANT)</th>
<th>NO. PARTICIPANTS</th>
<th>PARTICIPATING WOAH REF. LABS/ ORGANISING WOAH REF. LAB.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comparación de Resultados / Pruebas de Idoneidad</td>
<td>participante</td>
<td></td>
<td>Organizador: ANSES Ploufragan Plouzane Niort - Francia</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>PURPOSE OF THE PROFICIENCY TESTS: 1</th>
<th>ROLE OF YOUR REFERENCE LABORATORY (ORGANISER/PARTICIPANT)</th>
<th>NO. PARTICIPANTS</th>
<th>PARTICIPATING WOAH REF. LABS/ ORGANISING WOAH REF. LAB.</th>
</tr>
</thead>
<tbody>
<tr>
<td>evaluación de idoneidad en suero</td>
<td>participante</td>
<td>s/d</td>
<td>Organizador: ANSES Ploufragan Plouzane Niort - Francia</td>
</tr>
<tr>
<td>evaluación de idoneidad en suero</td>
<td>participante</td>
<td>s/d</td>
<td>Plouzane Niort - Francia</td>
</tr>
</tbody>
</table>

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 WOAH Reference Laboratories for the same pathogen?  
Yes

<table>
<thead>
<tr>
<th>Purpose for inter-laboratory test comparisons1</th>
<th>Role of your reference laboratory (organizer/participant)</th>
<th>No. participating laboratories</th>
<th>Region(s) of participating WOAH Member Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comparación de Resultados / Pruebas de Idoneidad</td>
<td>organizer</td>
<td>3</td>
<td>America</td>
</tr>
</tbody>
</table>

**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>grupo ad hoc Replacement International Standard Bovine Tuberculin</td>
<td>on line</td>
<td>Pruebas de actividad biológica de distintas preparaciones de tuberculinas</td>
</tr>
</tbody>
</table>

29. Additional comments regarding your report: