WOAH Reference Laboratory Reports Activities 2023
Activities in 2023
This report has been submitted: 26 juin 2024 11:27

Laboratory Information

Name of disease (or topic) for which you are a designated WOAH Reference Laboratory:
Heartwater

Address of laboratory:
Unité mixte de recherches CIRAD INRAE ASTRE (animal, santé, territoires, risques et écosystèmes) Domaine de Duclos, Prise d'eau - 97170 Petit Bourg - Guadeloupe - France

Tel:
+33 590 25 54 42

E-mail address:
valerie.rodrigues@cirad.fr

Website:
https://umr-astre.cirad.fr/recherche/collectifs/recherche-et-veille-dans-la-caraibe

Name (including Title) of Head of Laboratory (Responsible Official):
Dr Nonito PAGES

Name (including Title and Position) of WOAH Reference Expert:
Valérie Rodrigues

Which of the following defines your laboratory? Check all that apply:
Academic institution

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>bovine, caprine and ovine specific MAP1-B ELISA</td>
<td>Nationally: 0, Internationally: 0</td>
<td></td>
</tr>
<tr>
<td>pan species MAP1-B ELISA</td>
<td>Nationally: 400, Internationally: 500</td>
<td></td>
</tr>
<tr>
<td>Direct diagnostic tests</td>
<td></td>
<td></td>
</tr>
<tr>
<td>qPCR SOL1(pcs20)</td>
<td>Nationally: 5, Internationally: 0</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?
No

4. Did your laboratory produce vaccines?
No

5. Did your laboratory supply vaccines to WOAH Members?
No
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?
    Yes

<table>
<thead>
<tr>
<th>Title of the study</th>
<th>Duration</th>
<th>PURPOSE OF THE STUDY</th>
<th>PARTNERS (INSTITUTIONS)</th>
<th>WOAH MEMBER COUNTRIES INVOLVED OTHER THAN YOUR COUNTRY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Development of strategies to control tick borne bacterial pathogens of livestock</td>
<td>48 mois</td>
<td>mise en place du gorgement artificiel des tiques Amblyomma</td>
<td>USDA-ARS</td>
<td>UNITED STATES OF AMERICA</td>
</tr>
<tr>
<td>Tiques et risques sanitaires en élevages de ruminants</td>
<td>24 mois</td>
<td>mesure de l'état sanitaires des ruminants de Guadeloupe, état des résistances aux acaricides et anthelmintiques pour accompagner les éleveurs vers un contrôle raisonné des parasites et des maladies infectieuses chez les ruminants domestiques</td>
<td>INRAE, Sanigwa</td>
<td>FRANCE</td>
</tr>
<tr>
<td>Assessing the risk of arthropod borne diseases in the carribean and the america</td>
<td>36 mois</td>
<td>to assess the risk of expansion of Heartwater and its vector in the carribean and the american mainland</td>
<td>USDA-ARS</td>
<td>UNITED STATES OF AMERICA</td>
</tr>
<tr>
<td>Approché Une Santé pour réduire les risques sanitaires dans les Caraïbes</td>
<td>12 mois</td>
<td>Gestion globale et collaborative des problèmes de santé dans les Caraïbes</td>
<td>INTERREG UE</td>
<td>FRANCE</td>
</tr>
</tbody>
</table>

13. In exercising your activities, have you identified any regulatory research needs* relevant for WOAH?
    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?
    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
a) Articles published in peer-reviewed journals:

b) International conferences:

0

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 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>attestation cirad duclos cofrac 2022</td>
</tr>
</tbody>
</table>

19. Is your quality management system accredited?
Yes

<table>
<thead>
<tr>
<th>Test for which your laboratory is accredited</th>
<th>Accreditation body</th>
</tr>
</thead>
<tbody>
<tr>
<td>qPCR SOL1</td>
<td>COFRAC</td>
</tr>
</tbody>
</table>

20. Does your laboratory maintain a “biorisk management system” for the pathogen and the disease concerned?
No

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?
No

TOR10: NETWORK WITH WOAH REFERENCE LABORATORIES

23. Did your laboratory exchange information with other WOAH Reference Laboratories designated for the same pathogen or disease?
No

24. Do you network (collaborate or share information) with other WOAH Reference Laboratories designated for the same pathogen?
No

25. Did you organise or participate in inter-laboratory proficiency tests with WOAH Reference Laboratories designated for the same pathogen?
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?
No

29. Additional comments regarding your report:
No