WOAH Reference Laboratory Reports Activities 2023
Activities in 2023
This report has been submitted: 6 juin 2024 14:21

**Laboratory Information**

| Name of disease (or topic) for which you are a designated WOAH Reference Laboratory: | Turkey Rhinotracheitis |
| Address of laboratory: | Anses, Laboratoire de Ploufragan-Plouzané-Niort, BP53, 41 rue de Beaucemaine, 22440 Ploufragan, FRANCE |
| Tel: | +33296016222 |
| E-mail address: | nicolas.etteradossi@anses.fr |
| Website: | https://www.anses.fr/fr/content/laboratoire-de-ploufragan-plouzan%C3%A9-niort |

**Name (including Title) of Head of Laboratory (Responsible Official):** Dr Nicolas Eterradossi

**Name (including Title and Position) of WOAH Reference Expert:** Dr Nicolas Eterradossi, Head of laboratory

**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>ELISA for the detection of AMPV antibodies</td>
<td>Yes</td>
<td>Nationally: 1604, Internationally: 0</td>
</tr>
<tr>
<td>Direct diagnostic tests</td>
<td></td>
<td></td>
</tr>
<tr>
<td>detection and quantification of AMPV genome by rRT-PCR</td>
<td>Yes</td>
<td>Nationally: 1226, Internationally: 0</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 (non-WOAH-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>Antigen</td>
<td>ELISA</td>
<td>produced and provided</td>
<td>12 ml</td>
<td>0 ml</td>
<td>1</td>
<td>FRANCE,</td>
</tr>
<tr>
<td>Monospecific Antisera</td>
<td>ELISA, VN, IIF</td>
<td>Produced and provided</td>
<td>2 ml</td>
<td>0 ml</td>
<td>1</td>
<td>FRANCE,</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?
    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
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?
    Yes
    
    **IF THE ANSWER IS YES, PLEASE PROVIDE DETAILS OF THE DATA COLLECTED:**
    
    The laboratory took advantage of the collection of fecal or respiratory samples from wild birds in France for 1 year during a project on another pathogen to look for the presence of AMPV traces. No AMPV could be detected in the samples from those wild birds (results to be published within report of a wider study).

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 box)
   a) Articles published in peer-reviewed journals:
      
      7
   
   b) International conferences:
c) National conferences:

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

Contribution to WOAH expert group on turkey rhinotracheitis / avian metapneumovirus case definition

**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>Compliance certificate ISO 17025 2023-2024.pdf</td>
</tr>
<tr>
<td></td>
<td>Compliance certificate ISO 17025 2023-2024.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

The laboratory quality management system and procedures comply with nationally applicable regulations and cover biorisk (biosafety and biosecurity) evaluation and management, in line with recommendations of chapter 1.1.4 of OIE Manual

**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>Online meetings of working group on turkey rhinotracheitis / avian metapneumovirus infection case definition</td>
<td>2023-12-08</td>
<td>Online</td>
<td>participant</td>
<td>Reply to questions on case definition produced previously</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. Do you network (collaborate or share information) with other 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>Working group on turkey rhinotracheitis / avian metapneumovirus infections case definition</td>
<td>Online</td>
<td>Responses to questions arising from case definition produced previously</td>
</tr>
</tbody>
</table>

29. Additional comments regarding your report:
Yes

*Human resource issues in WOAH AMPV reference laboratory (two senior scientists missing in 2023) interfered with AMPV reference and research activities. New organization defined, recruitments in progress and new projects launched for 2024.*