This report has been submitted: 2015-01-14 10:04:55

| Name of disease (or topic) for which you are a designated OIE Reference Laboratory: | Avian tuberculosis |
| Address of laboratory: | Hudcova 70 62132 Brno CZECH REPUBLIC |
| Tel.: | +420-777 786 711 |
| Fax: | +420-5 33 33 12 29 |
| E-mail address: | slana@vri.cz |
| Website: | www.vri.cz |
| Name (including Title) of Head of Laboratory (Responsible Official): | Mgr. Iva Slana, Ph.D |
| Name (including Title and Position) of OIE Reference Expert: | Mgr. Iva Slana, Ph.D. Head of Mycobacterial Infections Unit |
| Which of the following defines your laboratory? Check all that apply: | Research Academic |
ToR 1: To use, promote and disseminate diagnostic methods validated according to OIE Standards

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 OIE 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>rapid aglutination</td>
<td>no</td>
<td>54</td>
</tr>
<tr>
<td>ELISA</td>
<td>no</td>
<td>2</td>
</tr>
<tr>
<td>Direct diagnostic tests</td>
<td></td>
<td></td>
</tr>
<tr>
<td>cultivation</td>
<td>yes</td>
<td>216</td>
</tr>
<tr>
<td>Quadruplex system for M. avium species differentiation</td>
<td>no</td>
<td>11</td>
</tr>
<tr>
<td>16S rRNA PCR system for Mycobacterium sp. and M. avium complex members identification</td>
<td>no</td>
<td>161</td>
</tr>
<tr>
<td>16S rDNA sequencing (Differentiation of Mycobacterium sp.)</td>
<td>no</td>
<td>129</td>
</tr>
<tr>
<td>quantitative real time PCR</td>
<td>no</td>
<td>24</td>
</tr>
</tbody>
</table>

ToR 2: To develop reference material in accordance with OIE requirements, and implement and promote the application of OIE Standards. To store and distribute to national laboratories biological reference products and any other reagents used in the diagnosis and control of the designated pathogens or disease.

2. Did your laboratory produce or supply imported standard reference reagents officially recognised by the OIE?

No

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

4. Did your laboratory produce vaccines?  
No

5. Did your laboratory supply vaccines to OIE Member Countries?  
No

Tor 3: To develop, standardise and validate, according to OIE Standards, new procedures for diagnosis and control of the designated pathogens or diseases

6. Did your laboratory develop new diagnostic methods validated according to OIE Standards for the designated pathogen or disease?  
No

7. Did your laboratory develop new vaccines according to OIE Standards for the designated pathogen or disease?  
No

Tor 4: To provide diagnostic testing facilities, and, where appropriate, scientific and technical advice on disease control measures to OIE Member Countries

8. Did your laboratory carry out diagnostic testing for other OIE Member Countries?  
No

9. Did your laboratory provide expert advice in technical consultancies on the request of an OIE Member Country?  
Yes

<table>
<thead>
<tr>
<th>Name of the OIE Member Country receiving a technical consultancy</th>
<th>Purpose</th>
<th>How the advice was provided</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOUTH AFRICA</td>
<td>Consultation of method and procedure for testing of MAA presence/absence in rural chicken</td>
<td>via mail</td>
</tr>
</tbody>
</table>

Tor 5: To carry out and/or coordinate scientific and technical studies in collaboration with other laboratories, centres or organisations

10. Did your laboratory participate in international scientific studies in collaboration with OIE Member Countries

No
other than the own?

No

**ToR 6: To collect, process, analyse, publish and disseminate epizootiological data relevant to the designated pathogens or diseases**

11. Did your Laboratory collect epizootiological data relevant to international disease control?

No

12. Did your laboratory disseminate epizootiological data that had been processed and analysed?

No

13. What method of dissemination of information is most often used by your laboratory?

(Indicate in the appropriate box the number by category)

a) Articles published in peer-reviewed journals:   6


b) International conferences:   0

c) National conferences:   1

d) Other:

(Provide website address or link to appropriate information)   0

**ToR 7: To provide scientific and technical training for personnel from OIE Member Countries**

**To recommend the prescribed and alternative tests or vaccines as OIE Standards**

14. Did your laboratory provide scientific and technical training to laboratory personnel from other OIE Member Countries?
**ToR 8: To maintain a system of quality assurance, biosafety and biosecurity relevant for the pathogen and the disease concerned**

15. Does your laboratory have a Quality Management System certified according to an International Standard?
   
   **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>Osvědčení o akreditaci .pdf</td>
</tr>
</tbody>
</table>

16. Is your laboratory accredited by an international accreditation body?
   
   **No**

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

   *(See Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2014, Chapter 1.1.3a)*

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**ToR 9: To organise and participate in scientific meetings on behalf of the OIE**

18. Did your laboratory organise scientific meetings on behalf of the OIE?
   
   **No**

19. Did your laboratory participate in scientific meetings on behalf of the OIE?
   
   **No**

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**ToR 10: To establish and maintain a network with other OIE Reference Laboratories designated for the same pathogen or disease and organise regular inter-laboratory proficiency testing to ensure comparability of results**

20. Did your laboratory exchange information with other OIE Reference Laboratories designated for the same pathogen or disease?
   
   **Not applicable (Only OIE Reference Lab. designated for disease)**
21. Was your laboratory involved in maintaining a network with OIE Reference Laboratories designated for the same pathogen or disease by organising or participating in proficiency tests?

Not applicable (Only OIE Reference Lab. designated for disease)

22. Did your laboratory collaborate with other OIE Reference Laboratories for the same disease on scientific research projects for the diagnosis or control of the pathogen of interest?

Not applicable (Only OIE Reference Lab. designated for disease)

**ToR 11: To organise inter-laboratory proficiency testing with laboratories other than OIE Reference Laboratories for the same pathogens and diseases to ensure equivalence of results**

23. Did your laboratory organise or participate in inter-laboratory proficiency tests with laboratories other than OIE Reference Laboratories for the same disease?

No

*Note: See Interlaboratory test comparisons in: Laboratory Proficiency Testing at: http://www.oie.int/en/our-scientific-expertise/reference-laboratories/proficiency-testing see point 1.3*

**ToR 12: To place expert consultants at the disposal of the OIE**

24. Did your laboratory place expert consultants at the disposal of the OIE?

No

25. Additional comments regarding your report: