This report has been submitted: 2019-01-09 05:11:04

<table>
<thead>
<tr>
<th>Name of disease (or topic) for which you are a designated OIE Reference Laboratory:</th>
<th>Brucellosis (Brucella abortus, B. melitensis)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address of laboratory:</td>
<td>National Institute of Animal Health, Department of Livestock Development (DLD) 50/2 Kasetklang Ladyao Chatuchak Bangkok 10900 THAILAND</td>
</tr>
<tr>
<td>Tel.:</td>
<td>+66-2579 89.08 to 14</td>
</tr>
<tr>
<td>Fax:</td>
<td>+66-2579 89.18 / 19</td>
</tr>
<tr>
<td>E-mail address:</td>
<td><a href="mailto:monayae@dld.go.th">monayae@dld.go.th</a></td>
</tr>
<tr>
<td>Website:</td>
<td>niah.dld.go.th</td>
</tr>
<tr>
<td>Name (including Title) of Head of Laboratory (Responsible Official):</td>
<td>Dr. Banjong Jongrakwattana, Director of the National Institute of Animal Health, DLD Dr. Reka Kanitpun, Chief of Immunology Section (Brucellosis Laboratory)</td>
</tr>
<tr>
<td>Name (including Title and Position) of OIE Reference Expert:</td>
<td>Monaya Ekgatat, DVM, BSc, DMM. Brucellosis Advisor to DLD, National Institute of Animal Health, Department of Livestock Development</td>
</tr>
<tr>
<td>Which of the following defines your laboratory? Check all that apply:</td>
<td>Governmental</td>
</tr>
</tbody>
</table>
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></td>
<td>Nationally</td>
<td>Internationally</td>
</tr>
<tr>
<td>Indirect diagnostic tests</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RBT</td>
<td>Yes</td>
<td>79,582</td>
</tr>
<tr>
<td>SAT</td>
<td>Yes</td>
<td>-</td>
</tr>
<tr>
<td>CFT</td>
<td>Yes</td>
<td>1,001</td>
</tr>
<tr>
<td>I-ELISA (bovine serum)</td>
<td>Yes</td>
<td>1,448</td>
</tr>
<tr>
<td>I-ELISA (bovine milk)</td>
<td>Yes</td>
<td>3,816</td>
</tr>
<tr>
<td>I-ELISA (caprine/ovine serum)</td>
<td>Yes</td>
<td>777</td>
</tr>
<tr>
<td>FPA</td>
<td>Yes</td>
<td>148</td>
</tr>
<tr>
<td>Milk Ring Test</td>
<td>Yes</td>
<td>977</td>
</tr>
<tr>
<td>B. canis RSAT/LFIA</td>
<td>No</td>
<td>-</td>
</tr>
<tr>
<td>Direct diagnostic tests</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Culture (milk/organ/swab)</td>
<td>Yes</td>
<td>140/229/7</td>
</tr>
<tr>
<td>Brucella identification (animal)</td>
<td>Yes</td>
<td>17</td>
</tr>
<tr>
<td>Brucella spp. PCR/Real time PCR (specimens)</td>
<td>Yes</td>
<td>96/12</td>
</tr>
<tr>
<td>Brucella molecular typing</td>
<td>Yes</td>
<td>96</td>
</tr>
<tr>
<td>Control of diagnostic antigen batches</td>
<td>Yes</td>
<td>8</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?

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 OIE Member Countries</th>
<th>Region of recipients</th>
</tr>
</thead>
<tbody>
<tr>
<td>National standard panel of positive sera</td>
<td>Diagnostic reagents batch control</td>
<td>Produced</td>
<td>24 vials (24x1.0 ml)</td>
<td>20 vials (20x1.0 ml)</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>National standard panel of negative sera</td>
<td>Diagnostic reagents batch control</td>
<td>Produced</td>
<td>24 vials (24x1.0 ml)</td>
<td>20 vials (20x1.0 ml)</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Negative serum (for reconstitute)</td>
<td>Diagnostic reagents batch control</td>
<td>Produced</td>
<td>16 vials (16x5.0 ml)</td>
<td>11 bottles (11x5.0 ml)</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Secondary reference standard serum (RBT-Bru Bovine Pos Std- NIAH)</td>
<td>RBT antigen batch control</td>
<td>Produced</td>
<td>16 vials (16x1.0 ml)</td>
<td>8 bottles (8x1.0 ml)</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Secondary reference standard serum (CFT-Bru Bovine Pos Std-NIAH)</td>
<td>CFT antigen batch control</td>
<td>Produced</td>
<td>-</td>
<td>5 Bottles (5x1.0 ml)</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>Secondary reference standard goat serum (RBT)</td>
<td>Diagnostic reagents batch control</td>
<td>Produced</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Antigen</td>
<td>Diagnostic reagent</td>
<td>Produced (DLD)</td>
<td>Quantity</td>
<td>Region</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------------</td>
<td>--------------------</td>
<td>----------------</td>
<td>----------</td>
<td>-----------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RBT antigen</strong></td>
<td>Diagnostic reagent</td>
<td>Produced</td>
<td>1,119 bottles (1,119x10 ml)</td>
<td>4 bottles (4x10 ml)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Africa, Americas, Asia and Pacific, Europe, Middle East</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MRT antigen</strong></td>
<td>Diagnostic reagent</td>
<td>Produced</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Africa, Americas, Asia and Pacific, Europe, Middle East</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RSAT antigen</strong></td>
<td>Diagnostic reagent</td>
<td>Produced</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Africa, Americas, Asia and Pacific, Europe, Middle East</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PCR (Bruce-ladder)</strong></td>
<td>PCR</td>
<td>Produced</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Africa, Americas, Asia and Pacific, Europe, Middle East</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DNA of reference Brucella spp.</strong></td>
<td>Diagnostic positive control</td>
<td>Produced</td>
<td>-</td>
<td>B. abortus DNA, B. melitensis DNA, B. suis DNA, B. ovis DNA (@ each 500 µl)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Africa, Americas, Asia and Pacific, Europe, Middle East</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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?

Yes

<table>
<thead>
<tr>
<th>Name of OIE Member Country seeking assistance</th>
<th>Date (month)</th>
<th>No. samples received for provision of diagnostic support</th>
<th>No. samples received for provision of confirmatory diagnoses</th>
</tr>
</thead>
<tbody>
<tr>
<td>BHUTAN</td>
<td>25 June 2018</td>
<td>Serum 1,216 samples Milk 191 samples</td>
<td>-</td>
</tr>
<tr>
<td>MYANMAR</td>
<td>20 July 2018</td>
<td>-</td>
<td>1</td>
</tr>
</tbody>
</table>

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>FIJI</td>
<td>Serological testing</td>
<td>Remote assistance through email communication</td>
</tr>
<tr>
<td>PAKISTAN</td>
<td>Molecular</td>
<td>Remote assistance through email communication</td>
</tr>
<tr>
<td>PAPUA NEW GUINEA</td>
<td>Serological testing</td>
<td>Remote assistance through email communication</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
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: 2

b) International conferences: 8
1. FAO/OIE/DLD/CDC Write-shop for the Development of a Step-wise Approach for Brucellosis Prevention and Control in the Asia/Pacific Region (20-21 February 2018) (Participation and presentation)
2. National Stakeholder Meeting on Developing Stepwise Control of Brucellosis in Bhutan, Tenzinling Resort, Paro, Bhutan (18-19 June 2018). (Participation and presentation)
3. Stakeholder Consultation to Pilot the Stepwise Brucellosis Control Framework in Myanmar, Nay Pyi Taw, Myanmar (21-22 June 2018). (Participation and presentation)
4. FAO-APHCA/CDC/OIE/DLD Regional Technical Workshop on Brucellosis Elimination (25-28 June 2018) (Participation and presentation)
5. Coordination Meeting with Veterinary Laboratories in Africa and Asia (supported by the African Renaissance Fund and Peaceful Uses Initiative, 7-9 August 2018, Austria (Dr. Banjong Jongrakwattana, NIAH-Director; participation)
6. Poster presentation: Investigation of Brucella abortus in a Thai Dairy Herd, The 30th World Buiatrics Congress 2018, 28 August - 1 September 2018, Sapporo Convention Center, Sapporo, Japan. (Co-authors)
7. The 10th ASEAN Regional Animal Health laboratory Technical Advisory Group Meeting (Lab-TAG), and The 6th Meeting of ASEAN Laboratory Directors Forum (The 6th ALDF), 29 October-2 November 2018, Singapore. (Dr. Banjong Jongrakwattana, NIAH-Director; participation)

c) National conferences: 5
1. Stakeholder consultation to pilot the stepwise brucellosis control framework in Thailand (February 22, 2018)
2. Knon Khen University and DLD Veterinary Services 2018: Brucellosis in goats-sheep and prevention and control in small holders, Chaiyabhum province, Thailand, 12 May 2018
3. DTRA-NAHL-APRIMS-MORU One Health Closeout Meeting, National Animal Health Laboratory (NAHL), Department of Livestock and Fisheries (DLF), Vientiane, Lao PDR Brucellosis in Goats (15 May 2018)
4. Seminar on animal husbandry and management in dairy goats: Goats diseases, 25 July 2018
5. Goats symposium and Exhibition 2018: Brucellosis and melioidosis, 16-17 Nov 2018

d) Other:
1. Field Epidemiology Training Program for Veterinarians (FETPV): Animal Outbreak Investigation Presentation (2nd Module), National Institute of Animal Health (NIAH), 10th and 15th August, 2018
2. Field Epidemiology Training Program for Veterinarians (FETPV): draft proposal of Field Epidemiological Study and Animal Outbreak Investigation Presentation, NIAH, August 24, 2018 (Advisor)

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?
   Yes
   a) Technical visits: 1
   b) Seminars: 5
   c) Hands-on training courses: 1
   d) Internships (>1 month): 0
<table>
<thead>
<tr>
<th>Type of technical training provided (a, b, c or d)</th>
<th>Country of origin of the expert(s) provided with training</th>
<th>No. participants from the corresponding country</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Scientific visit</td>
<td>FETPV course: Cambodia, Indonesia, Malaysia, Myanmar, Nepal, Philippines, and Vietnam</td>
<td>8</td>
</tr>
<tr>
<td>(b) 1) FAO/OIE/DLD/CDC Write-shop for the Development of a Step-wise Approach for Brucellosis Prevention and Control in the Asia/Pacific Region (20-21 February 2018)</td>
<td>FAO, CDC, France (ANSES), Thailand (in collaboration with OIE Reference Laboratory for Brucellosis and OIE Collaborating Center for Capacity Building of Veterinary Services)</td>
<td>34 participants (including observers) Bhutan, Malaysia, Myanmar and Thailand</td>
</tr>
<tr>
<td>(b) 2) National Stakeholder Meeting on Developing Stepwise Control of Brucellosis in Bhutan (18-19 June 2018)</td>
<td>FAO, France (ANSES), Australia, Bhutan and Thailand</td>
<td>31 participants (including observers) Bhutan, Thailand</td>
</tr>
<tr>
<td>(b) 3) Stakeholder Consultation to Pilot the Stepwise Brucellosis Control Framework in Myanmar (21-22 June 2018)</td>
<td>FAO, France (ANSES), Myanmar and Thailand</td>
<td>44 participants (including observers) Myanmar, Thailand</td>
</tr>
<tr>
<td>(b) 4) Workshop on cross-border animal disease control and animal movement control and a field practice during a Workshop on cross-border animal disease control and animal movement control (12-14 May and 15-25 May 2018)</td>
<td>FAO-APHCA, LBVD-Myanmar, Thailand</td>
<td>39 participants (including observers) Myanmar, Thailand</td>
</tr>
<tr>
<td>(b) 5) FAO-APHCA/CDC/OIE/DLD Regional Technical Workshop on Brucellosis Elimination (25-28 June 2018)</td>
<td>FAO, CDC, France (ANSES) and Thailand (in collaboration with OIE Reference Laboratory for Brucellosis and OIE Collaborating Center for Capacity Building of Veterinary Services)</td>
<td>45 participants (including observers) Bhutan, Cambodia, Lao PDR, Malaysia, Myanmar, Thailand and Vietnam</td>
</tr>
<tr>
<td>(c) Training on serological testing and antigens control for brucellosis diagnosis (18-20 July 2018)</td>
<td>FAO-APHCA, NIAH-DLD-Thailand</td>
<td>8 participants Myanmar</td>
</tr>
</tbody>
</table>

**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 17025:2017 on processing certification</td>
<td>ISO17025 (1).pdf</td>
</tr>
</tbody>
</table>
16. Is your laboratory accredited by an international accreditation body?

Yes

<table>
<thead>
<tr>
<th>Test for which your laboratory is accredited</th>
<th>Accreditation body</th>
</tr>
</thead>
<tbody>
<tr>
<td>RBT</td>
<td>ILAC-MRA by Bureau of Laboratory Quality Standard, Department of Medical Science</td>
</tr>
<tr>
<td>CFT</td>
<td>ILAC-MRA by Bureau of Laboratory Quality Standard, Department of Medical Science</td>
</tr>
</tbody>
</table>

17. Does your laboratory maintain a “biorisk management system” for the pathogen and the disease concerned?

Yes

*(See Manual of Diagnostic Tests and Vaccines for Terrestrial Animals, Chapter 1.1.4)*

**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?

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>International</td>
<td>FAO/OIE/DLD/CDC Write-shop for the Development of a Step-wise Approach for Brucellosis Prevention and Control in the Asia/Pacific Region</td>
<td>FAO-APHCA, CDC, DLD in collaboration with OIE Reference Laboratory for Brucellosis and OIE Collaborating Center for Capacity Building of Veterinary Services</td>
<td>20-21 February 2018</td>
<td>NIAH, Bangkok, Thailand</td>
<td>34</td>
</tr>
<tr>
<td>National</td>
<td>Stakeholder consultation to pilot the stepwise brucellosis control framework in Thailand</td>
<td>FAO-APHCA, DLD</td>
<td>22 February 2018</td>
<td>NIAH, Bangkok, Thailand</td>
<td>77</td>
</tr>
<tr>
<td>National</td>
<td>1. National Stakeholder Meeting on Developing Stepwise Control of Brucellosis in Bhutan 2. Stakeholder Consultation to Pilot the Stepwise Brucellosis Control Framework in Myanmar</td>
<td>1) FAO-APHCA, NACH-Bhutan, DLD, 2) FAO-APHCA, LBVD-Myanmar, DLD</td>
<td>1) 18-19 June 2018, 2) 21-22 June 2018</td>
<td>1) Tenzinling Resort, Paro, Bhutan, 2) Nay Pyi Taw, Myanmar</td>
<td>1) 31, 2) 44</td>
</tr>
<tr>
<td>International</td>
<td>FAO-PHCA/CDC/OIE/DLD Regional Technical Workshop on Brucellosis Elimination</td>
<td>FAO-APHCA, CDC, DLD</td>
<td>25-28 June 2018</td>
<td>NIAH, Bangkok, Thailand</td>
<td>45</td>
</tr>
<tr>
<td>National</td>
<td>Training on serological testing and antigens control for brucellosis diagnosis</td>
<td>FAO-APHCA, LBVD-Myanmar, DLD</td>
<td>18-20 July 2018</td>
<td>Livestock Breeding and Veterinary Department, Yangon, Myanmar</td>
<td>8</td>
</tr>
</tbody>
</table>

19. Did your laboratory participate in scientific meetings on behalf of the OIE?

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>FAO/OIE/DLD/CDC Write-shop for the Development of a Step-wise Approach for Brucellosis Prevention and Control in the Asia/Pacific Region</td>
<td>20 February 2018</td>
<td>NIAH, Bangkok, Thailand</td>
<td>Speaker</td>
<td>Situation of Brucellosis and its control in Asia</td>
</tr>
<tr>
<td>Stakeholder consultation to pilot the stepwise brucellosis control framework in Thailand</td>
<td>22 February 2018</td>
<td>NIAH, Bangkok, Thailand</td>
<td>Co-speaker</td>
<td>Brucellosis Laboratory and update (Reka Kanitpun)</td>
</tr>
<tr>
<td>Knon Khen University and DLD Veterinary Services 2018</td>
<td>12 May 2018</td>
<td>Chaiyabhum, Thailand</td>
<td>Speaker</td>
<td>Brucellosis in goats-sheep, prevention and control in small holders</td>
</tr>
<tr>
<td>DTRA-NAHL-AFRIMS-MORU One Health Closeout Meeting: One Health Threats and opportunities</td>
<td>15 May 2018</td>
<td>Vientiane, Lao PDR</td>
<td>Co-speaker</td>
<td>Brucella and Q fever research in Thailand and the role of the OIE reference laboratory</td>
</tr>
<tr>
<td>National Stakeholder Meeting on Developing Stepwise Control of Brucellosis in Bhutan</td>
<td>18 June 2018</td>
<td>Tenzinling Resort, Paro, Bhutan</td>
<td>Speaker</td>
<td>Status of bovine Brucellosis in South Asia</td>
</tr>
<tr>
<td>Stakeholder Consultation to Pilot the Stepwise Brucellosis Control Framework in Myanmar (21-22 June 2018)</td>
<td>21 June 2018</td>
<td>Nay Pyi Taw, Myanmar</td>
<td>Speaker</td>
<td>Status of bovine Brucellosis in South Asia/South East Asia</td>
</tr>
<tr>
<td>FAO-PHCA/CDC/OIE/DLD Regional Technical Workshop on Brucellosis Elimination</td>
<td>27 June 2018</td>
<td>NIAH, Bangkok, Thailand</td>
<td>Speaker</td>
<td>Inter-Laboratory Proficiency Test (ILPT): Lesson learnt and networking in Asia-Pacific</td>
</tr>
<tr>
<td>Seminar on animal husbandry and management in dairy goats</td>
<td>25 July 2018</td>
<td>Center of Learning for the Region, Chulalongkorn University, Nan province, Thailand</td>
<td>Speaker</td>
<td>Goats diseases</td>
</tr>
<tr>
<td>Goats symposium and Exhibition 2018</td>
<td>16 November 2018</td>
<td>Siam Innovation District, Bangkok, Thailand</td>
<td>Co-speaker</td>
<td>Brucellosis and melioidosis</td>
</tr>
</tbody>
</table>
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?

Yes

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?

Yes

<table>
<thead>
<tr>
<th>Purpose of the proficiency tests:</th>
<th>Role of your Reference Laboratory (organiser/participant)</th>
<th>No. participants</th>
<th>Participating OIE Ref. Labs/organising OIE Ref. Lab.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asia-Pacific Bovine Brucellosis Interlaboratory Proficiency Test (ILPT) 2018</td>
<td>Organizer</td>
<td>54 (National and Regional Brucellosis Laboratories in Asia-Pacific and Brucellosis Laboratories within Thailand)</td>
<td>Advisor: Dr. Bruno Garin-Bastuji, Anses, France</td>
</tr>
</tbody>
</table>

1 validation of a diagnostic protocol: specify the test; quality control of vaccines: specify the vaccine type, etc.

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?

Yes

<table>
<thead>
<tr>
<th>Title of the project or contract</th>
<th>Scope</th>
<th>Name(s) of relevant OIE Reference Laboratories</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exchange the experiences in Brucella characterization (Dr. Reka Kanitpun, 6-27 Jan 2018)</td>
<td>Molecular typing</td>
<td>Bacterial Characterisation Group, Animal and Plant Health Agency (APHA), Veterinary Laboratories Agency, Defra, United Kingdom</td>
</tr>
</tbody>
</table>
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?

Yes

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

<table>
<thead>
<tr>
<th>Purpose for inter-laboratory test comparisons</th>
<th>No. participating laboratories</th>
<th>Region(s) of participating OIE Member Countries</th>
</tr>
</thead>
</table>
| Laboratory capability to serological tests on RBT, CFT and I-ELISA (organizer) (Every 2 years) | 54 labs | □Africa  
□Americas  
□Asia and Pacific  
□Europe  
□Middle East |

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:

Additional information
Organised international workshop on Workshop on cross-border animal disease control and animal movement control  
and A field practice during a Workshop on cross-border animal disease control and animal movement control, Co-organisers: FAO-APHCA, LBVD-Myanmar and DLD, Date: 12-14 May 2018, 15-25 May 2018  
Location: Maesot, Tak province, Thailand  
No of participant: 39