

# OIE Reference Laboratory Reports Activities

## *Activities in 2019*

**This report has been submitted : 2020-01-06 03:22:37**

<b>Name of disease (or topic) for which you are a designated OIE Reference Laboratory:</b>	Rabies
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<b>Name (including Title) of Head of Laboratory (Responsible Official):</b>	Bong-Kyun Park (Commissioner of Animal and Plant Quarantine Agency:APQA)
<b>Name (including Title and Position) of OIE Reference Expert:</b>	Dong-Kun Yang (Senior scientist of Animal and Plant Quarantine Agency:APQA)
<b>Which of the following defines your laboratory? Check all that apply:</b>	Governmental Research

***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)

No

***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

Name of the OIE Member Country receiving a technical consultancy	Purpose	How the advice was provided
MALAYSIA	Elimination of rabies in Sarawak in Malaysia	Sharing information related to elimination of rabies on diagnosis and prevention (Seminar, discussion and practices)
JAPAN	Participating in "one health symposium" in Fukuoka	Sharing information through panel discussion in symposium.

**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?

Yes

If the answer is yes, please provide details of the data collected:
As you may know, there are several countries shwong free of rabies in Asia. Only 4 countires such as Japan, Singapor, Brunai and Hongkong have been maintain rabies-free status in Asia. On the contrary, Malaysia and Taipei chiese reported rabies cases in stray dogs and wild animals. So, my lab had technical visit to Sarawak in Malaysia to share information of prevention with persion in charge of Sarawak in Malaysia 2019. And I collected epizootiological data of rabies. when it comes to rabies case in Sarawak of Malaysia, rabies occured frist in July 2017. 374 rabies case have been reported until April 2019.

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

Yes

If the answer is yes, please provide details of the data collected:

As mentioned above answer sheet, I collected rabies cases from Sarawak of Malaysia and disseminate epizootiological data to the 7th diagnostic workshop that was hold by APQA of Korea 2019.

**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: 1

Rabies immune status of raccoon dogs residing in areas where rabies bait vaccine has been distributed. CEVR, 2019, 8, 132-135

b) International conferences: 0

c) National conferences: 4

Rabies immune status of raccoon dogs residing in areas where rabies bait vaccine has been distributed. KSVS, 25 April 2019.

Developemtn of inactivated rabies vaccine containing safe rabies virus stran ERAGS for animals. KSVS, 12, October, 2019.

Establishment of a mulplex RT-PCR for the differentiation between recombinatn vaccin strain and field strains, KSVS, 25 April. 2019.

Diagnostic tolls for the detection of rabies antigen and antibody, The 7th workshop on diagnosis of animal disease in APQA of Korea, 23 September - 2 October 2019.

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?

Yes

a) Technical visits: 1

b) Seminars: 1

c) Hands-on training courses: 4

d) Internships (>1 month): 0

Type of technical training provided (a, b, c or d)	Country of origin of the expert(s) provided with training	No. participants from the corresponding country
a	Malaysia	40
c	Malaysia	2
b	Japan	100
c	Kazakhstan	2
c	Philippine	2
c	Mongolia	2

**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?

Yes

Quality management system adopted	Certificate scan (PDF, JPG, PNG format)
KOLAS ISIAEC 17025	certifi of KOLAS for rabies and JE 2019.pdf

16. Is your quality management system accredited?

No

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?

No

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

No

**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

Purpose of the proficiency tests: <sup>1</sup>	Role of your Reference Laboratory (organiser/ participant)	No. participants	Participating OIE Ref. Labs/ organising OIE Ref. Lab.
Proficiency test for rabies serology	Quality control	L69	rabies and JE OIE reference lab/EU reference lab

<sup>1</sup> 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?

No

**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: