

# OIE Reference Laboratory Reports Activities

## *Activities in 2019*

**This report has been submitted : 2020-01-22 00:16:10**

<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>	MVZ Rogelio Estrada Rodríguez Director del CENASA
<b>Name (including Title and Position) of OIE Reference Expert:</b>	José Alvaro Aguilar Setién
<b>Which of the following defines your laboratory? Check all that apply:</b>	Governmental

**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

Diagnostic Test	Indicated in OIE Manual (Yes/No)	Total number of test performed last year	
		Nationally	Internationally
Indirect diagnostic tests			
Secuenciación	Si	107	0
RT-PCR convencional	Si	107	0
FAVN	Si	176	19
Direct diagnostic tests			
Inmunofluorescencia	Si	850	0
Aislamiento viral en cultivo celular de neuroblastoma	Si	14	0
Aislamiento viral en ratón	Si	2	0

**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
PARAGUAY	Consulta sobre testigos de referencia y la prueba de titulación de anticuerpos del laboratorio SENACSA -DIGELAB de Paraguay	Consulta vía correo electrónico, describiendo como se usa en México y como puede obtener los reactivos.
ECUADOR	Consulta sobre titulación de anticuerpos en zorro de Paramo	Consulta vía correo electrónico, se dio la información solicitada
URUGUAY	Consulta sobre testigos de referencia del laboratorio de Biotecnología, MGAP, DILAVE.	Consulta vía correo electrónico. se envió la información solicitada.

**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:
El SENASICA diariamente recopila información sobre los diagnósticos realizados a nivel nacional y se publican en la pagina del SENASICA y pueden ser proporcionados si una instancia internacional los solicita.

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:
Se divulgan en la pagina del SENASICA; <a href="http://www.sensica.gob.mx">www.sensica.gob.mx</a>

**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: 0

b) International conferences: 1

2° Congreso Internacional de Rabia y otras zoonosis: "CENASA laboratorio de referencia de la OIE para Rabia"

c) National conferences: 5

1. Reunión Nacional de Líderes Estatales de Zoonosis 2019

2. 1er. Foro nacional para laboratorios que realizan diagnóstico de rabia – Instituto de Diagnóstico y Referencia Epidemiológicos"

3. Foro: "La rabia, una gran historia y la meta para eliminarla – CENAPRECE

4. "Reunión para revisión de las características a considerar para el Biológico Antirrábico Canino en campañas masivas de la Secretaría de Salud a partir de 2020" – CENAPRECE

5. "Actualización en la Campaña Nacional para la prevención y control de la rabia en bovinos y especies ganaderas."

d) Other:

(Provide website address or link to appropriate information) 2

Notas cortas y entrevistas de radio

<https://dj.senasica.gob.mx/InfoSENASICA/octubre2019/infosenasica-5.html#p=1>

<https://www.gob.mx/senasica/documentos/voces-del-sistema-de-radiodifusoras-culturales-indigenistas-srci-del-inp-i?state=published>

**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: 0

b) Seminars: 0

c) Hands-on training courses: 1

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
Curso teórico practico	Guatemala	1

**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)
ISO17025	acreditacion.pdf
ISO 9001	certificación Calidad 9001.pdf
ISO 17043	AnexoTecnico_19EA0017(3).pdf

16. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
Inmunofluorescencia	Entidad Mexicana de Acreditación
secuenciacion	Entidad Mexicana de Acreditación
PCR	Entidad Mexicana de Acreditación
Aislamiento viral	Entidad Mexicana de Acreditación
Seroneutralización	Entidad Mexicana de Acreditación

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?

Yes

Title of event	Date (mm/yy)	Location	Role (speaker, presenting poster, short communications)	Title of the work presented
Reunión Nacional de Líderes Estatales de Zoonosis 2019 de la Secretaria de Salud.	mayo 2019	Ciudad de México	Orador	CENASA como Laboratorio de Referencia de la OIE.

**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?

No

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.
Estandarizacion de la técnica de Fluorescencia	organizador	5	CENASA Laboratorio de Referencia Venezuela Uruguay México (Chiapas, Zacatecas y durango)
Panel interlaboratorio de titulación de anticuerpos rábicos (FAVN)	paricipante	20	Francia, organizador. México, participante

<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?

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

Purpose for inter-laboratory test comparisons <sup>1</sup>	No. participating laboratories	Region(s) of participating OIE Member Countries
Estandarizar protocolos para prueba de inmunofluorescencia	2	<input type="checkbox"/> Africa <input checked="" type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> 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: