

# OIE Reference Laboratory Reports Activities

## *Activities in 2020*

**This report has been submitted : 2021-02-03 01:25:12**

<b>Name of disease (or topic) for which you are a designated OIE Reference Laboratory:</b>	Anaplasmosis
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<b>Name (including Title) of Head of Laboratory (Responsible Official):</b>	Biol. María del Rosario Quezada Delgado. Centro Nacional de Servicios de Constatación en Salud Animal (CENAPA), Servicio Nacional de Sanidad, Inocuidad y Calidad Agroalimentaria (SENASICA), Secretaría de Agricultura y Desarrollo Rural. México.
<b>Name (including Title and Position) of OIE Reference Expert:</b>	Dr. Juan Joel Mosqueda Gualito. Experto Técnico del CENAPA. Académico e Investigador de la Facultad de Ciencias Naturales, Universidad Autónoma de Querétaro. México.
<b>Which of the following defines your laboratory? Check all that apply:</b>	Governmental 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

Diagnostic Test	Indicated in OIE Manual (Yes/No)	Total number of test performed last year	
		Nationally	Internationally
Indirect diagnostic tests		Nationally	Internationally
ELISA para Anaplasma marginale	Sí	870	0
Direct diagnostic tests		Nationally	Internationally
Frotis directo para Anaplasma marginale	Sí	411	0
PCR para Anaplasma marginale	Sí	211	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?

No

***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

If the answer is no, please provide a brief explanation of the situation:

We are in process to collect data from anaplasmosis infected cattle this year, because 2020 was atypical time to do it.

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

No

If the answer is no, please provide a brief explanation of the situation:
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We are not ready to disseminate data as we are about to collect it yet.
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**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  
International conference on Tick vaccines 2020

c) National conferences: 1  
National Conference on Animal Health (CONASA) 2020

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?

No

***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)
ISO-9001	FORCSG-P12 29 2 INFORME DE AUD (2).pdf
ISO-17025	INFORME DE EVALUACION.pdf
ISO-17043	informe vigilancia PEA 2019.pdf

16. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
Informe de auditoría de la visita de acreditación	NYCE - Sistemas de Gestión
Informe de visita de acreditación - ISO-17025	Entidad Mexicana de Acreditación, EMA
Informe de visita de acreditación - ISO-17043	Entidad Mexicana de Acreditación, EMA

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

National/ International	Title of event	Co-organiser	Date (mm/yy)	Location	No. Participants
Internacional	Simposio Internacional de Metodologías para la evaluación de Vacunas contra Garrapatas	INFARVET / CONASA	Diciembre, 2020	Ciudad de México (virtual)	400
National	National Conference on Animal Health (CONASA)	CONASA	10/2020	Mexico City	400

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
XXVIII Reunión Anual del CONASA	Octubre, 2020	Ciudad de México	Presentación	Uso de herramientas moleculares en la problemática del diagnóstico de protozoarios en vectores y animales hospedantes.

***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?

No

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:

This year was particularly atypical, due to the budget reduction for the laboratory and for SENASICA's field activities, in addition to the inability to mobilize personnel to carry out routine samplings, due to the COVID-19 pandemic.