

OIE Reference Laboratory Reports Activities

Activities in 2020

This report has been submitted : 2021-01-20 14:00:59

Name of disease (or topic) for which you are a designated OIE Reference Laboratory:	Leptospirosis
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Name (including Title) of Head of Laboratory (Responsible Official):	Dr Ruth Heinz (Director CICVyA INTA). Ana María Nicola (Dirección General de Laboratorios y Control Técnico. SENASA)
Name (including Title and Position) of OIE Reference Expert:	Jessica Valeria Petrakovsky, Lic. Cs Biologicas, MSc. Luis Ernesto Samartino Med Vet MsS Ph D
Which of the following defines your laboratory? Check all that apply:	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	
Indirect diagnostic tests		Nationally	Internationally
754	Si MAT	742	12
Direct diagnostic tests			Internationally
9	si	9	
si	si Aislamiento Bacteriológico	4	

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

Type of reagent available	Related diagnostic test	Produced/ provide	Amount supplied nationally (ml, mg)	Amount supplied internationally (ml, mg)	No. of recipient OIE Member Countries	Region of recipients
Antígeno	MAT	suministrado	620 ml	0	1	<input type="checkbox"/> Africa <input checked="" type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> Middle East
cepas	control de calidad	suministrado	80 ml	0	1	<input type="checkbox"/> Africa <input checked="" type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> Middle East

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

Name of OIE Member Country seeking assistance	Date (month)	No. samples received for provision of diagnostic support	No. samples received for provision of confirmatory diagnoses
URUGUAY	Enero	22	22
PARAGUAY	Febrero	10	10

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
URUGUAY	Técnicas de Laboratorio	In situ (lab INTA)
PARAGUAY	Técnicas de Laboratorio	On Line
COLOMBIA	Epidemiología de leptospirosis en bovinos	On line
BRAZIL	Epidemiología y control de leptospirosis en bovinos	On line
MEXICO	Epidemiología y control de leptospirosis en bovinos	On line
HONDURAS	Adquisición sueros hiperinmunes de referencia	On line
PARAGUAY	Consulta sobre cepas utilizadas en el diagnóstico serológico	On line

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:

Durante el año 2020 hubo pocas muestras recibidas de otros países distintos de Argentina debido al cierre de fronteras producido por la pandemia COVID19 a partir del 19 de Marzo.

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:

Actualmente los datos que se procesaron y analizaron serán publicados durante el año 2021

**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

Se enviaron dos artículos de leptospirosis a publicar en revistas internacionales y están en revisión

b) International conferences: 1

Las conferencias internacionales donde se podía tratar el tema leptospirosis fueron suspendidas durante el 2020 por la pandemia COVID 19

I° JORNADA A CAMPO DE “UNA SALUD” EN ENFERMEDADES DE ORIGEN ZOONÓTICAS REGIONALES

c) National conferences: 2

Leptospirosis en Argentina (Red diagnostico INTA)

Leptospirosis, una zoonosis olvidada, Conferencia online

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: 4

c) Hands-on training courses: 0

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	Uruguay	3
b *Simposio internacional	Argentina, Mexico (2) * Argentina, Brasil, Paraguay, Uruguay Chile, Bolivia, Perú, Colombia, Cuba , México, USA, Suiza, Inglaterra	120, 150, 100 * 606, 15, 3, 4, 1, 30, 4, 1, 1, 1, 2, 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)
NORMA ISO/IEC 17025:2005	OAA acreditacion.pdf

16. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
MAT	Organismo Argentino Acreditación (OAA)

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?

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?

Yes

Kind of consultancy	Location	Subject (facultative)
Revisión del capítulo Leptospirosis Manual OIE	Online con los demás laboratorios de referencia en leptospirosis de la OIE	Capítulo Leptospirosis

25. Additional comments regarding your report:

El año 2020 las actividades se vieron restringidas por la Pandemia que afecta al mundo y por dicho motivo la concurrencia a los laboratorios no fue permitida por disposiciones nacionales que restringen los movimientos y accesos a lugares de trabajo, así como suspendidas los eventos internacionales donde se pensaba presentar trabajos de divulgación científica.

Durante el año 2020 se ha realizado el control de calidad completo (esterilidad, inocuidad, pH , inactivación y potencia) de 145 series de vacunas correspondientes a 18.902.208 dosis, que fueron las comercializadas en Argentina.