

# OIE Reference Laboratory Reports Activities

## *Activities in 2020*

**This report has been submitted : 2021-05-26 16:09:54**

<b>Name of disease (or topic) for which you are a designated OIE Reference Laboratory:</b>	Paratuberculosis
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<b>Name (including Title) of Head of Laboratory (Responsible Official):</b>	MV. Ana María Nicola. Director del Laboratorio Animal - DILAB - SENASA
<b>Name (including Title and Position) of OIE Reference Expert:</b>	MV Bernardo Alonso Analista Técnico - DILAB - SENASA
<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		Nationally	Internationally
detección de anticuerpos por Elisa	si	386	0
detección de anticuerpos por IDGA	si	15	0
Direct diagnostic tests		Nationally	Internationally
cultivo e identificación bacteriana	si	21	0
microscopia	si	s/d	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?

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
PPD Bovina	prueba de hipersensibilidad retardada	producido 1970 ml	295 ml	120 ml	2	<input type="checkbox"/> Africa <input checked="" type="checkbox"/> Americ as <input type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> Middle East
PPD Aviar	prueba de hipersensibilidad retardada	producido: 330 ml	15 ml	30 ml	2	<input type="checkbox"/> Africa <input checked="" type="checkbox"/> Americ as <input type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> Middle East
cepas de referencia	Producción de PPD / Tipificación bacteriana / ensayos de investigación	producido / suministrado	2	-	1	<input type="checkbox"/> Africa <input checked="" type="checkbox"/> Americ as <input type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> Middle East
polvo de Mycobacterium phlei	elisa	suministrado	4.5 gr		1	<input type="checkbox"/> Africa <input checked="" type="checkbox"/> Americ as <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?

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
URUGUAY	producción y control de tuberculinas / preparación de documentación	via e-mail
BRAZIL	producción y control de tuberculinas	via e-mail / envío de reactivos biológicos
PERU	producción y control de tuberculinas	via e-mail
HONDURAS	aislamiento e identificación de cepas de micobacterias	Envío de muestras ciegas de órganos y tejidos bovinos

**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:
Nuestra institución realiza el diagnóstico serológico de todos aquellos animales susceptibles a paratuberculosis que son importados o exportados de acuerdo a los protocolos vigentes entre Argentina y distintos países.

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 informa a la dependencia de SENASA encargadas de emitir los certificados de ingreso y/o egreso de animales a la República Argentina

**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: 0

c) National conferences: 1

- Ciclo de Conferencias Micobacterias de Interés Veterinario, noviembre de 2020 - Asociación Argentina de Veterinarios de Laboratorio de Diagnóstico. ([www.aavld.org.ar/ciclo-micobacterias-de-interes-veterinario](http://www.aavld.org.ar/ciclo-micobacterias-de-interes-veterinario))

d) Other:

(Provide website address or link to appropriate information) 1

[www.senasa.gob.ar](http://www.senasa.gob.ar)

**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: 1  
 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
b	a través de las videoconferencias se incorporaron colegas de países de la región	n/d

**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-IEC 17025	Certificado acreditación OAA.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?

Yes

Title of event	Date (mm/yy)	Location	Role (speaker, presenting poster, short communications)	Title of the work presented
Meeting of the OIE ad hoc group to replacement the International Standard Bovine Tuberculin	abril 2020	encuentro virtual por teleconferencia	integrante del grupo ad hoc - Presentación de resultados	informes parciales de avance
Meeting of the OIE ad hoc group to replacement the International Standard Bovine Tuberculin	julio 2020	encuentro virtual por teleconferencia	integrante del grupo ad hoc - Presentación de resultados	informes parciales de avance
Meeting of the OIE ad hoc group to replacement the International Standard Bovine Tuberculin	diciembre 2020	encuentro virtual por teleconferencia	integrante del grupo ad hoc - Presentación de resultados	informes parciales de avance

***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 correspondiente a Paratuberculosis del Manual Terrestre de Pruebas diagnósticas	on line	paratuberculosis
grupo ad hoc Replacement International Standard Bovine Tuberculin	on line	pruebas de estabilidad, actividad biológica y especificidad de tuberculinas

25. Additional comments regarding your report:

La actividad del laboratorio, especialmente en lo referido en cuanto a muestreos e intercambio presencial, se vio resentida por los cuidados y restricciones impuestos a raíz de la pandemia de Covid-19 en la República Argentina.