

OIE Reference Laboratory Reports Activities

Activities in 2020

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Name of disease (or topic) for which you are a designated OIE Reference Laboratory:	Bovine tuberculosis
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Name (including Title) of Head of Laboratory (Responsible Official):	MV. Ana María Nicola. Director del Laboratorio Animal - DILAB - SENASA
Name (including Title and Position) of OIE Reference Expert:	MV Bernardo Alonso Analista Técnico - DILAB - SENASA
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	
		Nationally	Internationally
Indirect diagnostic tests		Nationally	Internationally
pruebas a campo de ppd	si	250	-
deteccion de gamma interferon por elisa	si	35	-
deteccion de anticuerpos por elisa	si	190	-
histopatologia	si	17	
microscopia	si	s/d	-
Direct diagnostic tests		Nationally	Internationally
cultivo e identificacion bacteriana	si	17	-
métodos moleculares, pcr, pra, spoligotyping	si	17	-

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"/> Americas <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"/> Americas <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 unidades	-	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?

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 / preparacion de documentación	via e-mail
BRAZIL	producción y control de tuberculinas	via e-mail / envío de reactivos biológicos
PERU	diagnóstico de micobacterias	via e-mail
HONDURAS	Aislamiento e identificación de cepas de micobacterias	via e-mail y mediante el 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?

Yes

Title of the study	Duration	Purpose of the study	Partners (Institutions)	OIE Member Countries involved other than your country
Replacement International Standard Bovine Tuberculin	2015-2021	Elaboración y control de un nuevo estándar internacional de ppp bovina	OIE/ distintos organismos sanitarios internacionales	THE NETHERLANDS

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:
Se da apoyo al Programa Nacional de Control y Erradicación de Tuberculosis Bovina mediante análisis de muestras y rodeos sospechosos y con la provisión de reactivos para diagnóstico a campo. Se procesan muestras mediante técnicas moleculares tendientes seguimiento epidemiológico.

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 comunica al Programa Nacional de Control y Erradicación de Tuberculosis Bovina, dependiente del Servicio Nacional de Sanidad Animal

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: 2

- Foro / Taller de Tuberculosis Bovina - SENASA - septiembre de 2020. presentación: "Alternativas de diagnóstico in Vitro en tuberculosis bovina. Uso de gamma interferón y determinación de anticuerpos por elisa. Consideraciones generales y estado actual del uso de estas herramientas"

- Ciclo de Conferencias Micobacterias de Interés Veterinario, noviembre de 2020 - Asociación Argentina de Veterinarios de Laboratorio de Diagnóstico. Presentación: "Tuberculinas, producción y Control de Calidad."

d) Other:

(Provide website address or link to appropriate information) 1

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: 2
 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	web meeting	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	web meeting	integrante del grupo ad hoc - Presentación de resultados	informes parciales de avance
Route Map of Bovine Tuberculosis zoonotic	septiembre 2020	web meeting	integrante del grupo ad hoc	informes parciales de avance
Meeting of the OIE ad hoc group to replacement the International Standard Bovine Tuberculin	diciembre 2020	web meeting	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?

Yes

Title of the project or contract	Scope	Name(s) of relevant OIE Reference Laboratories
Replacement International Standard Bovine Tuberculin	estandarización de tuberculinas a nivel global	ANSES, FRANCIA / VLA-WEYBRIDGE, UK

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 ¹	No. participating laboratories	Region(s) of participating OIE Member Countries
mayo 2020, Envío de muestras de ganglios y tejidos bovinos para establecer idoneidad en cultivo y aislamiento microbiológico de tuberculosis bovina	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

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 tuberculosis Bovina del Manual Terrestre de Pruebas diagnósticas	on line	tuberculosis mamíferas
Recertificación de vencimientos de kits diagnósticos	on line	evaluación de dossier. diagnóstico por ELISA de tuberculosis Bovina
Evaluación de registro de kits de diagnóstico certificados por OIE y validados aptos para una finalidad determinada	on line	diagnóstico por ELISA de tuberculosis Bovina en bufalos.
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 lo referido en cuanto a muestreos y evaluaciones en frigoríficos, se vio resentida por los cuidados y restricciones impuestos a raíz de la pandemia de Covid 19 en la República Argentina.

