

OIE Reference Laboratory Reports Activities

Activities in 2019

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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:	M.V Bernardo Alonso Coordinador de Bacteriología y Enf. Exóticas - 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
necropsias a campo o en frigorífico	si	4	-
detección de gamma interferon por elisa	si	135	-
detección de Anticuerpos por elisa	si	65	-
histopatología	si	70	-
microscopía	si	s/d	-
pruebas de PPD a campo	si	60	-
Direct diagnostic tests		Nationally	Internationally
cultivo e identificación bacteriana	si	70	-
métodos moleculares, pcr, pra, spoligotyping	si	118	

**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/suministrado	360 ml	60	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 / suministrado	30 ml	15 ml	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
cepas de referencia	producción de ppd / tipificación bacteriana / ensayos de investigación	producido / suministrado	3 unidades	11	4	<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
HONDURAS	Adiestramiento en aislamiento e identificación de Mycobacterium bovis	envío de muestras de tejidos bovinos para diagnóstico de tuberculosis
EL SALVADOR	actualización en el programa nacional de control y erradicación de tuberculosis bovina	mediante intercambio de procedimientos y video conferencias
PARAGUAY	producción de tuberculinas	envío de material biológico
HONDURAS	producción de tuberculinas	envío de material biológico
URUGUAY	producción de tuberculinas	envío de material biológico
BRAZIL	producción de tuberculinas	envío de material biológico

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	2015-2019	Elaboracion y control de un nuevo estándar internacional de ppd bovina	OIE / distintos organismos Sanitarios Internacionales	ARGENTINA BRAZIL SPAIN UNITED STATES OF AMERICA NEW ZEALAND THE NETHERLANDS UNITED KINGDOM

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 laboratorio de muestras y rodeos sospechosos y con la provisión de reactivos para diagnóstico. Se brindan herramientas de epidemiología molecular para el mejor entendimiento de la prevalencia y difusión de la enfermedad

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 encargada de llevar adelante los planes de control y erradicación de la enfermedad

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: 0

d) Other:

(Provide website address or link to appropriate information) 1

www.senasa.gov.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: 1

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
a, c	Paraguay	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)
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 finalice the International Standard Bovine Tuberculin replacement project and revise the Terrestrial Manual Chapter Bovine Tuberculosis	noviembre 2019	París, Francia	integrante del grupo ad hoc	Se encuentra en elaboración

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	ANSSES, 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
establecer la idoneidad en el diagnóstico e identificación de tuberculosis bovina en ganglios y tejidos bovinos	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	grupo ad hoc, presencial (París, nov 2019) y on line	tuberculosis bovina en general
Grupo ad hoc Replacement International Standard Bovine Tuberculin	grupo ad hoc, presencial (París, nov 2019) y on line	ppd / standard
Evaluación de registro de kits de diagnóstico certificados por OIE y validados aptos para una finalidad determinada	on line	diagnóstico serológico de tuberculosis bovina

25. Additional comments regarding your report: