

OIE Reference Laboratory Reports Activities

Activities in 2021

This report has been submitted : 2022-01-13 16:14:40

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 Directora General del Laboratorio
Name (including Title and Position) of OIE Reference Expert:	MV Bernardo Alonso Analista profesional
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	sí	160	-
detección de gamma interferon por elisa	sí	30	-
detección de anticuerpos por elisa	sí	140	-
histopatología	sí	3	-
microscopia	sí	s/d	-
Direct diagnostic tests		Nationally	Internationally
cultivo e identificación bacteriana	sí	16	-
metodos moleculares, pcr spoligotyping, etc	sí	16	-

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	suministrado	460 ml	135	3	<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	suministrado	55 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	4 u	2 u	3	<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 para sensibilizacion	control biológico de PPD	producido / suministrado	2	1	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

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	via e-mail. Envío de material de referencia.
BRAZIL	producción y control de tuberculinas	via e-mail. Envío de material de referencia.

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	elaboracion y control de un nuevo estándar internacional de PPD Bovina	OIE / Distintos organismos Sanitarios	ARGENTINA SPAIN UNITED STATES OF AMERICA FRANCE 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 de Argentina a través del análisis de muestreos a campo y en frigoríficos y mediante la provisión de reactivos y capacitación a distintos agentes.

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 el cual informa a OIE la situación colectada mediante los sistemas habituales.

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. Capacitación en Tuberculosis Bovina. Consideraciones Generales y métodos de diagnóstico. Junio 2021.

d) Other:
(Provide website address or link to appropriate information) 3
- www.senasa.gob.ar

- Serie Monográfica. Micobacterias de Interés Veterinario. Módulo Tuberculosis Bovina. Aspectos Sobresalientes. Asociación Argentina de Veterinarios de Laboratorio de Diagnóstico.
- Serie Monográfica. Micobacterias de Interés Veterinario. Módulo Tuberculosis Bovina. Actualización en el diagnóstico. Asociación Argentina de Veterinarios de Laboratorio de Diagnóstico.

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 la videoconferencia se incorporan colegas de países de la región	s/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 de acreditación - ISO 17025-2017.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	marzo, mayo, junio y octubre 2021	web meeting	integrante del grupo ad hoc - presentacion 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?

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 Mammalian Tuberculosis (Infección with Mycobacterium Tuberculosis Complex)	on line	actualización del capítulo correspondiente del Manual de Enfermedades Terrestres
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 búfalos
Evaluación de registro de kits de diagnóstico certificados por OIE y validados aptos para una finalidad determinada.	on line	diagnóstico por quimioluminiscencia de tuberculosis bovina en leche
Grupo ad hoc Replacement International Standard Bovine Tuberculin	on line	pruebas de actividad biológica de distintas preparaciones de tuberculinas

25. Additional comments regarding your report:

La actividad del laboratorio continua parcialmente resentida por los cuidados y restricciones impuestos a raíz de la pandemia de Covid 19 en la República Argentina.