OIE Reference Laboratory Reports Activities

Activities in 2020

This report has been submitted : 2021-01-25 12:41:36

Name of disease (or topic) for which you are a designated OIE Reference Laboratory:	Newcastle disease
Address of laboratory:	Rua Raul Ferrari, s/n° Jardim Santa Marcelina CEP 13100-105 Campinas SP BRAZIL
Tel.:	+55 19 32542329
Fax:	
E-mail address:	dilmara.reischak@agricultura.gov.br
Website:	
Name (including Title) of Head of Laboratory (Responsible Official):	Yuri Fernandes Feltrin, DVM Coordinador Auditor Fiscal Federal Agropecuario
Name (including Title and Position) of OIE Reference Expert:	Dilmara Reischak, DVM, MSc., DSc. Auditor Fiscal Federal Agropecuario
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
ELISA	Sí	5326	0
HI	Sí	719	0
Direct diagnostic tests		Nationally	Internationally
RT-qPCR gen M	Sí	4395	0
RT-qPCR gen F	Sí	100	0
Aislamiento viral	Sí	240	0
Secuenciación	Sí	10	0
ICPI	Sí	6	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?

No

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?

No

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
Red Sudamericana de los laboratorios de diagnostico de enfermedad de Newcastle e influenza aviar (RESUDIA)	Permanente	Fortalecimiento del diagnostico laboratorial de la enfermedad de Newcastle y de la influenza aviar en la región	Laboratorios oficiales de los países miembros de la Red	ARGENTINA CHILE COLOMBIA ECUADOR PARAGUAY PERU URUGUAY

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:
Los datos colectados por el laboratorio son enviados al Departamento de Salud Animal del MAPA.

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:
Los datos obtenidos por el laboratorio son enviados al Departamento de Salud Animal del MAPA.

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: 1
V Taller de la Red Sudamericana de los laboratorios de diagnostico de
enfermedad de Newcastle (RESUDIA), 20 - 22 de octubre de 2020, evento online. Charlas presentadas:
1) Situación de enfermedad de Newcastle en Brasil y avances en el diagnóstico laboratorial
2) Informe sobre los entrenamientos realizados por el LFDA-SP en Ecuador y Bolivia.

c) National conferences: 2
Webinar "Camino recorrido hasta el reconocimiento del LFDA-SP como laboratorio de referencia de la OIE".
Ponente: André de Oliveira Mendonça.

Webinar "Acciones como laboratorio de referencia de la OIE para la influenza aviar y la enfermedad de

Newcastle". Ponente: Dilmara Reischak.

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?

No

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 17025:2017	CRL 0389 LFDA-SP CAMPINAS 15-09-20.pdf

16. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
Inhibición de la hemaglutinación (HI) para detección de anticuerpos	INMETRO
ELISA para detección de anticuerpos	INMETRO
RT-qPCR para detección del gen M del NDV	INMETRO
RT-qPCR para detección del gen F del NDV	INMETRO
Secuenciación del gen F del NDV	INMETRO

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?

No

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 de normas de la OIE	Virtual	Revisión del capítulo 3.3.14 del Manual de la OIE.
Grupo ad hoc	Online	Laboratorios Sostenibles

25. Additional comments regarding your report:

La poca actividad en el periodo de referencia se justifica por el laboratorio estar involucrado en el diagnostico del nuevo coronavirus. Debido a la pandemia, el laboratorio puso a disposición de las autoridades de Salud su estructura, personal y experiencia para la realización de pruebas de RT-qPCR para el diagnóstico de SARS-CoV-2. El LFDA-SP realizó cerca de 12 mil pruebas para el diagnóstico del nuevo coronavirus.