OIE Reference Laboratory Reports Activities

Activities in 2021

This report has been submitted : 2021-12-28 14:47:04

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:	https://www.gov.br/agricultura/pt-br/assuntos/laboratorios/lfda
Name (including Title) of Head of Laboratory (Responsible Official):	Yuri Fernandes Feltrin, MV Auditor Fiscal Federal Agropecuario Coordinador del LFDA-SP
Name (including Title and Position) of OIE Reference Expert:	Dilmara Reischak, MV, MSc, Dra. 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	4255	0
HI	Sí	54	0
Direct diagnostic tests		Nationally	Internationally
RT-qPCR gen M	Sí	6380	8
RT-qPCR gen F	Sí	300	8
Aislamiento viral	Sí	225	0
ICPI	Sí	0	0
Secuenciación DNA	Sí	1	2

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
Control positivo NDV-F	RT-qPCR NDV F	Suministrado	6 ml	0	1	☐Africa ☒Americas ☐Asia and Pacific ☐Europe ☐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?

Yes

Name of OIE Member Country seeking assistance	Date (month)	No. samples received for provision of diagnostic support	No. samples received for provision of confirmatory diagnoses
BOLIVIA	Junio	0	8

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
ECUADOR	Revisión de la cascada diagnóstica para la enfermedad de Newcastle	Cambio de emails con informaciones sobre el algoritmo de pruebas

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:
Los datos colectados por el laboratorio son enviados al Departamento de Salud Animal de 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 exclusivamente al Departamento de Salud Animal de 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: 01
Thomazelli, L.M.; Sinhorini, J.A.; Oliveira, D.B.L.; Knöbl, T.; Bosqueiro, T.C.M.; Sano, E.; Costa, G.C.V.; Monteiro, C.; Dorlass, E.G.; Utecht, N.; Scagion, G.P.; Meneguin, C.; Silva, L.M.N.; Moraes, M.V.S.; Bueno, L.M.; Reischak, D.; Carrasco, A.O.T.; Arns, C.W.; Ferreira, H.L.; Durigon, E.L. An Outbreak in Pigeons Caused by the Subgenotype VI.2.1.2 of Newcastle Disease Virus in Brazil. Viruses 2021, 13, 2446. https://doi.org/10.3390/v13122446

b) International conferences: 0

c) National conferences: 01
Charla sobre el tema "Toma de muestras" en el simulacro virtual de influenza aviar y enfermedad de Newcastle organizado por la ADEPARA en 20/05/2021

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	CRL_0389_LFDA_Campinas_final_04 10 2021.pdf
ISO/IEC 17025	CRL 0389 LFDA-SP_CAMPINAS Certificado de acreditação corrigido.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
Aislamiento viral en huevos SPF	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?

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
Determinar la aptitud de los laboratorios de RESUDIA para realizar pruebas de diagnóstico específicas	12	☐Africa ☒Americas ☐Asia and Pacific ☐Europe ☐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)
Participación en Misión PVS	Nigeria - online	Misión de Laboratorio del Proceso PVS
Participación en grupo ad hoc	online	Third meeting of the ad hoc Group on Sustainable Laboratories

25. Additional comments regarding your report: