

# OIE Reference Laboratory Reports Activities

## *Activities in 2019*

**This report has been submitted : 2020-01-23 15:13:33**

<b>Name of disease (or topic) for which you are a designated OIE Reference Laboratory:</b>	Highly and low pathogenic avian influenza
<b>Address of laboratory:</b>	Rua Raul Ferrari, s/n° Jardim Santa Marcelina CEP 13100-105 Campinas SP BRAZIL
<b>Tel.:</b>	+55-19 32542329
<b>Fax:</b>	+55-19 32542263
<b>E-mail address:</b>	dilmara.reischak@agricultura.gov.br
<b>Website:</b>	
<b>Name (including Title) of Head of Laboratory (Responsible Official):</b>	André de Oliveira Mendonça, MV, MSc. Auditor Fiscal Federal Agropecuario Coordinador del LFDA-SP
<b>Name (including Title and Position) of OIE Reference Expert:</b>	Dilmara Reischak, MV, MSc., Dra. Auditora Fiscal Federal Agropecuaria
<b>Which of the following defines your laboratory? Check all that apply:</b>	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			
ELISA	Sí	11.631	0
AGID	Sí	0	0
HI	Sí	159	0
Direct diagnostic tests			
RT-qPCR influenza A	Sí	7.892	0
RT-qPCR H5	Sí	19	0
RT-qPCR H7	Sí	15	0
Secuenciación	Sí	14	0
Aislamiento viral	Sí	555	0
IVPI	Sí	0	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?

Yes

Name of the OIE Member Country receiving a technical consultancy	Purpose	How the advice was provided
ARGENTINA	Utilización de tarjetas FTA para toma de muestras	Consulta por e-mail
PARAGUAY	Envío de muestras de simulacro de influenza aviar	Consulta por e-mail y envío de las muestras del simulacro de influenza aviar

**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 producidos por el laboratorio son informados 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 producidos por el laboratorio son informados 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: 0

b) International conferences: 0

c) National conferences: 2

Charlas sobre "Toma y envío de muestras al laboratorio", "Cascada de pruebas de laboratorio" y "Vigilancia en aves de traspatio" en el "III Simulacro de Emergencia Sanitaria en Influenza Aviar y Enfermedad de Newcastle" que se llevó a cabo en Nova Mutum - Mato Grosso de 05/09 de 25/08 a 05/09/2019.

Charlas sobre "Toma y envío de muestras al laboratorio" y "Diagnostico laboratorial de casos sospechosos de enfermedades de notificación obligatoria" en el "Entrenamiento en Emergencia Sanitaria" que se llevó a cabo en Campinas - SP de 09/09 a 13/09/2019.

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?

Yes

- a) Technical visits: 0
- b) Seminars: 0
- c) Hands-on training courses: 2
- d) Internships (>1 month): 1

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
Curso de formación práctica	Ecuador	7
Curso de formación práctica	Bolivia	7
Práctica	Argentina	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 17025:2017	CRL 0389 LFDA-SP_CAMPINAS.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
AGID para detección de anticuerpos para influenza A	INMETRO
RT-qPCR para detección del virus influenza A	INMETRO
RT-qPCR para detección del subtipo H5	INMETRO
RT-qPCR para detección del subtipo H7	INMETRO
Secuenciación del gen HA	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?

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?

Yes

Purpose of the proficiency tests: <sup>1</sup>	Role of your Reference Laboratory (organiser/ participant)	No. participants	Participating OIE Ref. Labs/ organising OIE Ref. Lab.
Probar la capacidad de detectar y caracterizar virus notificables y otros virus relevantes de influenza aviar (NAI) de diferentes linajes que circulan regionalmente con el objetivo de mejorar la detección y caracterización global precisa de influenza en aves por los laboratorios de referencia de OFFLU/OIE.	Participante	12 (a confirmar)	Todos los laboratorios de referencia de la OIE para influenza aviar

<sup>1</sup> validation of a diagnostic protocol: specify the test; quality control of vaccines: specify the vaccine type, etc.

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 <sup>1</sup>	No. participating laboratories	Region(s) of participating OIE Member Countries
Determinar la aptitud de los laboratorios de RESUDIA para realizar pruebas de diagnóstico específicas	9	<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)
Grupo Ad Hoc	Paris	Laboratorios Sostenibles

25. Additional comments regarding your report: