OIE Reference Laboratory Reports Activities

Activities in 2017

This report has been submitted : 2018-01-12 12:44:03

Name of disease (or topic) for which you are a designated OIE Reference Laboratory:	Highly and low pathogenic avian influenza
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Name (including Title) of Head of Laboratory (Responsible Official):	André de Oliveira Mendonça Medico Veterinario, MSc. Auditor Fiscal Federal Agropecuario
Name (including Title and Position) of OIE Reference Expert:	Dilmara Reischak Medica Veterinaria, MSc., Dra. Auditora Fiscal Federal Agropecuária
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 influenza A	Sí	7.960	0
AGID	Sí	47	0
HI	Sí	214	0
Direct diagnostic tests		Nationally	Internationally
rRT-PCR influenza A	Sí	7.899	0
rRT-PCR subtipos H5 y H7	Sí	45	0
Aislamiento viral	Sí	761	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?

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
Antígeno inactivado	HI	Suministrado	1 ml	0	01	☐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?

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
ECUADOR	Homologar las pruebas utilizadas para el diagnostico de HPAI	A distancia
INDIA	Aclarar dudas sobre adquisición de materiales de referencia	A distancia
BOLIVIA	Apoyo en la obtención de informaciones sobre validación de métodos, adquisición de materiales de referencia y calibración de equipamentos.	A distancia
ARGENTINA	Aclarar dudas sobre metodología de extracción de ácidos nucleicos.	A distancia
PARAGUAY	Contribuir en la definición de las pruebas a realizar por tipo de vigilancia	A distancia

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)	Contínua	Fortalecimiento del diagnostico de la enfermedad de Newcastle y de la influenza aviar en la región	Laboratorios nacionales de los países miembros	ARGENTINA BOLIVIA BRAZIL 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

12. Did your laboratory disseminate epizootiological data that had been processed and analysed?

Yes

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: 1
Mariana Monezi Borzi, Ketherson Rodrigues Silva, Maria de Fatima Silva Montassier, Filipe Santos Fernando, Maria de Lourdes Feres Tamanine, Romeu Moreira dos Santos, Elisabete Schirato de Oliveira, Viviane Casagrande Mariguela, Priscila Diniz Lopes, Dilmara Reischak, André Oliveira Mendonça, Renato Luis Luciano and Helio José Montassier. Development and application of an enzyme-linked immunosorbent assay (ELISA) using a soluble recombinant nucleoprotein for the detection of antibodies to avian influenza virus, African Journal of Microbiology Research, Vol. 11(18), pp. 697-704, 2017.

b) International conferences: 0

c) National conferences: 0

d) Other:
(Provide website address or link to appropriate information) 04
Charla al servicio veterinario oficial sobre colecta, conservación, remisión y procesamiento de muestras para el diagnostico laboratorial de la enfermedad de Newcastle y influenza aviar;

Charla sobre la influenza aviar a estudiantes de medicina veterinaria;

Charla sobre los resultados de la vigilancia activa para influenza aviar realizada en aves de traspatio que viven cerca de sitios de aves migratorias en Brasil;

Charla sobre el rol del laboratorio de referencia de la OIE para influenza aviar en evento nacional de la Secretaria de Defensa Agropecuaria del Ministerio de Agricultura de Brasil.

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 certified according to an International Standard?

Yes

Quality management system adopted	Certificate scan (PDF, JPG, PNG format)
ISO/IEC 17025:2005	CRL0389.pdf

16. Is your laboratory accredited by an international accreditation body?

Yes

Test for which your laboratory is accredited	Accreditation body
rRT-PCR para influenza A	INMETRO
rRT-PCR para los subtipos H5 y H7	INMETRO
AGID para influenza A	INMETRO
HI para investigación de anticuerpos para influenza aviar	INMETRO
Secuenciación para determinación de patogenicidad del AIV	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?

Yes

Title of event	Date (mm/yy)	Location	Role (speaker, presenting poster, short communications)	Title of the work presented
reunión de Fortalecimiento de la Vigilancia y Respuesta Intersectorial contra la Influenza	octubre/2017	Washington, DC, USA	Orador	Lanagro-SP: laboratorio de referencia de la OIE para influenza aviar
OFFLU AIV characterisation meeting	marzo/2017	Roma, Italia	Participante	

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: [1]	Role of your Reference Laboratory (organiser/ participant)	No. participants	Participating OIE Ref. Labs/ organising OIE Ref. Lab.
Comprobar la habilidad para la detección y caracterización de los vírus influenza A notificables	Participante	10	Todos los laboratorios de referencia de la OIE para influenza aviar

[1] *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?

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)
Solicitud técnica específica de la OIE	A distancia	Informaciones para la lista de reactivos aprobados por la OIE
Solicitud técnica específica de la OIE	A distancia	Datos para el OFFLU-WHO VCM
Revisión de las normas de la OIE	A distancia	Revisión de los Estandares de referencia para pruebas de PCR
Consulta de la Representación Regional de la OIE en las Américas	A distancia	Costos de ensayos inter-laboratorio
Solicitud técnica específica de la OIE	A distancia	Procedimiento de renovación de registro de kit de diagnóstico
Misión PVS Laboratorio	Costa Rica	Evaluación de los servicios de laboratorio del país.

25. Additional comments regarding your report: