OIE Reference Laboratory Reports Activities

Activities in 2017

This report has been submitted : 2018-02-01 13:46:06

Name of disease (or topic) for which you are a designated OIE Reference Laboratory:	Equine rhinopneumonitis
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Name (including Title) of Head of Laboratory (Responsible Official):	Sarah McNicholas BBS MSc Chief Executive Officer
Name (including Title and Position) of OIE Reference Expert:	Professor Ann Cullinane MVB PhD MRCVS Head of Virology
Which of the following defines your laboratory? Check all that apply:	Other: Registered Charity

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
CFT	yes	1018	36
VN	yes	0	29
Direct diagnostic tests		Nationally	Internationally
real time PCR		2596	5
Virus Isolation		51	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?

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
ITALY	February	0	3
FRANCE	February	7	
FRANCE	March	14	
FRANCE	September	8	
UNITED KINGDOM	January	2	
UNITED KINGDOM	February	1	
UNITED KINGDOM	September	6	
UNITED KINGDOM	October	3	

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
FRANCE	Diagnosis and management of neurological cases of EHV.	Remote
JAPAN	Vaccination of racehorses	Remote
TURKEY	Code of Practice for future management of EHV outbreaks	Remote

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
Molecular Epidemiology of Equine Herpesvirus 1, Genetic Diversity and Disease Expression	2015-2018	The objectives are to improve our understanding of the epidemiology of EHV1, to develop the laboratory capacity to critically define the possible source of virus infection and any potential problems at the earliest opportunity.	MRC – University of Glasgow Centre for Virus Research	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

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: 0

b) International conferences: 2
World Equine Airway Symposium Copenhagen, Denmark 13-15th July, "Respiratory Viruses Update" A Cullinane

Federation of European Equine Veterinary Associations Disease Surveillance Cluj Napoca 20th June. "Update on surveillance for equine viral diseases" A Cullinane

c) National conferences: 2
Performance Horse CPD Gowran Park Racecourse 4th July, "How equine influenza and equine rhinopneumonitis viruses impact performance in horses" A Cullinane

Irish Equine Veterinary Conference Kildare 9th-11th November "Virus and Vaccine Update"A Cullinane

d) Other:
(Provide website address or link to appropriate information) 3
Lectures re Equine Rhinopneumonitis to Graduate and Postgraduate Veterinary students and Agricultural Science students in University College Dublin (UCD) and to Equine Science students in University of Limerick (UL).
Seminar to international students at Irish National Stud.

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: 2
b) Seminars: 0
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
a	United Kingdom,	1
a	China	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 certified according to an International Standard?

Yes

Quality management system adopted	Certificate scan (PDF, JPG, PNG format)
ISO17025	2018 -The-Irish-Equine-Foundation-Ltd-151T.pdf

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

Yes

Test for which your laboratory is accredited	Accreditation body
real time PCR qualitative	INAB
real time PCR quantitative	INAB

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: [1]	Role of your Reference Laboratory (organiser/ participant)	No. participants	Participating OIE Ref. Labs/ organising OIE Ref. Lab.
Maintenance of IS017025 Accreditation	organiser and participant	2	Irish equine Centre and Animal Health Trust

[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)
Review of Manual Chapter on Equine Rhinopneumonitis and response to queries in relation to same.	remote	Diagnostic testing and Vaccination.

25. Additional comments regarding your report: