

WOAH Reference Laboratory Reports Activities 2023

Activities in 2023

This report has been submitted : 3 mai 2024 13:43

Laboratory Information

Name of disease (or topic) for which you are a designated WOA Reference Laboratory:	Equine viral arteritis
Address of laboratory:	Woodham Lane
Tel.:	+44-208069621
E-mail address:	falko.steinbach@apha.gov.uk
Website:	
Name (including Title) of Head of Laboratory (Responsible Official):	Mr David Holdsworth, CEO
Name (including Title and Position) of WOA Reference Expert:	Prof Falko Steinbach
Which of the following defines your laboratory? Check all that apply:	Governmental

TOR1: DIAGNOSTIC METHODS

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 WOA Manual (Yes/No)	Total number of test performed last year	
		Nationally	Internationally
Indirect diagnostic tests			
SNT		2596	18
Direct diagnostic tests			
Virus isolation		1	0
PCR		1	0

TOR2: REFERENCE MATERIAL

2. Did your laboratory produce or supply imported standard reference reagents officially recognised by WOA?

No

3. Did your laboratory supply standard reference reagents (nonWOA-approved) and/or other diagnostic reagents to WOA Members?

No

4. Did your laboratory produce vaccines?

No

5. Did your laboratory supply vaccines to WOA Members?

No

TOR3: NEW PROCEDURES

6. Did your laboratory develop new diagnostic methods for the designated pathogen or disease?

No

7. Did your laboratory validate diagnostic methods according to WOAHA Standards for the designated pathogen or disease?

No

8. Did your laboratory develop new vaccines for the designated pathogen or disease?

No

9. Did your laboratory validate vaccines according to WOAHA Standards for the designated pathogen or disease?

No

TOR4: DIAGNOSTIC TESTING FACILITIES

10. Did your laboratory carry out diagnostic testing for other WOAHA Members?

No

11. Did your laboratory provide expert advice in technical consultancies on the request of an WOAHA Member?

No

TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES

12. Did your laboratory participate in international scientific studies in collaboration with WOAHA Members other than the own?

No

13. In exercising your activities, have you identified any regulatory research needs* relevant for WOAHA?

No

TOR6: EPIZOOLOGICAL DATA

14. Did your Laboratory collect epidemiological data relevant to international disease control?

Yes

IF THE ANSWER IS YES, PLEASE PROVIDE DETAILS OF THE DATA COLLECTED:

We collect data on EVA testing at APHA in the UK

15. Did your laboratory disseminate epidemiological data that had been processed and analysed?

Yes

IF THE ANSWER IS YES, PLEASE PROVIDE DETAILS OF THE DATA COLLECTED:

We provide the above data for the reports collated by BEVA

16. What method of dissemination of information is most often used by your laboratory? (Indicate in the appropriate box the number by category and list the details in the box)

a) Articles published in peer-reviewed journals:

1
Equine Arteritis Virus in Monocytic Cells Suppresses Differentiation and Function of Dendritic Cells
 doi: 10.3390/v14091880.

b) International conferences:

1
 XVth INTERNATIONAL NIDOVIRUS SYMPOSIUM
 Outbreak of Equine Arteritis Virus in England in 2019.
 Bhudipa Choudhury, Siva Karunkaran and Falko Steinbach

c) National conferences:

d) Other (Provide website address or link to appropriate information):

The data collated above are then reported in the Veterinary Record as Equine disease surveillance: quarterly updates

In line with providing our data as mentioned above they are then collated into reports at <https://equinesurveillance.org/> under surveillance reports

TOR7: SCIENTIFIC AND TECHNICAL TRAINING

17. Did your laboratory provide scientific and technical training to laboratory personnel from other WOAAH Members?

No

TOR8: QUALITY ASSURANCE

18. Does your laboratory have a Quality Management System?

Yes

Quality management system adopted	Certificate scan (PDF, JPG, PNG format)	
ISO17025 lab	pdf	ISO17025 Certificate.pdf
ISO17025 tests	pdf	1769Testing-Multiple-1.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
Virus isolation	UKAS
PCR	UKAS
SNT	UKAS

20. Does your laboratory maintain a "biorisk management system" for the pathogen and the disease concerned?

Yes

APHA maintains a complete and functioning laboratory biological risk management system, which ensures that the laboratory is in compliance with applicable local, national (UK Health and Safety Executive), regional, and international standards and requirements for biosafety and laboratory biosecurity. (in accordance with the Manual of Diagnostic Tests and Vaccines for Terrestrial Animals, Chapter 1.1.4)

TOR9: SCIENTIFIC MEETINGS

21. Did your laboratory organise scientific meetings related to the pathogen in question on behalf of WOAAH?

No

22. Did your laboratory participate in scientific meetings related to the pathogen in question on behalf of WOAAH?

No

TOR10: NETWORK WITH WOAAH REFERENCE LABORATORIES

23. Did your laboratory exchange information with other WOAAH Reference Laboratories designated for the same pathogen or disease?

No

24. Do you network (collaborate or share information) with other WOAAH Reference Laboratories designated for the same pathogen?

No

25. Did you organise or participate in inter-laboratory proficiency tests with WOAAH Reference Laboratories designated for the same pathogen?

No

26. Did your laboratory collaborate with other WOAAH Reference Laboratories for the same disease on scientific research projects for the diagnosis or control of the

pathogen of interest?

No

TOR11: OTHER INTERLABORATORY PROFICIENCY TESTING

27. Did your laboratory organise or participate in inter-laboratory proficiency tests with laboratories other than WOA Reference Laboratories for the same pathogen?

Yes

Purpose for inter-laboratory test comparisons ¹	Role of your reference laboratory (organizer/participant)	No. participating laboratories	Name of the Test	WOAH Member Countries
Determining laboratories capability to conduct serology	organising	30	SNT	CHINA (PEOPLE'S REP. OF), FRANCE, GERMANY, IRELAND, ITALY, KOREA (REP. OF), MOROCCO, QATAR, SERBIA, SLOVENIA, SOUTH AFRICA, SWITZERLAND, THE NETHERLANDS, UNITED ARAB EMIRATES, UNITED KINGDOM,

TOR12: EXPERT CONSULTANTS

28. Did your laboratory place expert consultants at the disposal of WOA?

No

29. Additional comments regarding your report:

Yes

While there was one other reference laboratory for EVA, due to changes there it was impossible to maintain collaborations at present. The second reference laboratory is presently not active.