

WOAH Reference Laboratory Reports Activities 2022

Activities in 2022

This report has been submitted : 25 avril 2023 15:42

Laboratory Information

Name of disease (or topic) for which you are a designated WOA Reference Laboratory:	Enzootic abortion of ewes (ovine chlamydiosis)
Address of laboratory:	14 rue Pierre et Marie Curie
Tel.:	+33149771300
E-mail address:	karine.laroucau@anses.fr
Website:	https://www.anses.fr/fr
Name (including Title) of Head of Laboratory (Responsible Official):	Dr Pascal BOIREAU
Name (including Title and Position) of WOA Reference Expert:	Dr Karine LAROUCAU
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	
Indirect diagnostic tests		Nationally	Internationally
Direct diagnostic tests		Nationally	Internationally
PCR Chlamydiaceae	yes	8	57

TOR2: REFERENCE MATERIAL

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

No

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

4. Did your laboratory produce vaccines?

No

5. Did your laboratory supply vaccines to WOA?H 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 WOA?H 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 WOA?H Standards for the designated pathogen or disease?

No

TOR4: DIAGNOSTIC TESTING FACILITIES

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

No

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

No

TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES

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

No

TOR6: EPIZOOLOGICAL DATA

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

No

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

No

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:

4

Aaziz, R., K. Laroucau, F. Gobbo, D. Salvatore, C. Schnee, C. Terregino, C. Lupini et A. Di Francesco. 2022. "Occurrence of Chlamydiae in Corvids in Northeast Italy." *Animals (Basel)* 12 (10). <https://doi.org/10.3390/ani12101226>.

Aaziz, R., RL. Vinuesa, F. Vorimore, C. Schnee, G. Jiménez-Uzcátegui, G. Zanella et K. Laroucau. 2022. "Avian Chlamydia abortus strains detected in Galapagos albatross." *J Wildl Dis.* in press.

De Meyst, A., R. Aaziz, J. Pex, L. Braeckman, M. Livingstone, D. Longbottom, K. Laroucau et D. Vanrompay. 2022. "Prevalence of New and Established Avian Chlamydial Species in Humans and Their Psittacine Pet Birds in Belgium." *Microorganisms* 10 (9). <https://doi.org/10.3390/microorganisms10091758>.

Marchino, M., F. Rizzo, P. Barzanti, O. A. Sparasci, P. Bottino, N. Vicari, S. Rigamonti, S. Braghin, R. Aaziz, F. Vorimore, G. Ru, K. Laroucau et M. L. Mandola. 2022. "Chlamydia Species and Related Risk Factors in Poultry in North-Western Italy: Possible Bird-to-Human Transmission for *C. gallinacea*." *Int J Environ Res Public Health* 19 (4). <https://doi.org/10.3390/ijerph19042174>.

Marchino, M., F. Rizzo, P. Barzanti, O. A. Sparasci, P. Bottino, N. Vicari, S. Rigamonti, S. Braghin, R. Aaziz, F. Vorimore, G. Ru, K. Laroucau et M. L. Mandola. 2022. "Chlamydia Species and Related Risk Factors in Poultry in North-Western Italy: Possible Bird-to-Human Transmission for *C. gallinacea*." *Int J Environ Res Public Health* 19 (4). <https://doi.org/10.3390/ijerph19042174>.

b) International conferences:

c) National conferences:

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

TOR7: SCIENTIFIC AND TECHNICAL TRAINING

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

Yes

a) Technical visit : 1

b) Seminars :

c) Hands-on training courses:

d) Internships (> 1 month)

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	Turkey	1

TOR8: QUALITY ASSURANCE

18. Does your laboratory have a Quality Management System?

Yes

Quality management system adopted	Certificate scan (PDF, JPG, PNG format)	
ISO17025	pdf	Attestation 1-2246 révision 22.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
PCR Chlamydiaceae	COFRAC

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

Yes

Work in level 3 confined areas under the supervision of a risk manager (safety and security).

TOR9: SCIENTIFIC MEETINGS

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

No

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

No

TOR10: NETWORK WITH WOA REFERENCE LABORATORIES

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

Yes

24. Are you a member of a network of WOA Reference Laboratories designated for the same pathogen?

Yes

PURPOSE OF THE PROFICIENCY TESTS: 1	ROLE OF YOUR REFERENCE LABORATORY (ORGANISER/ PARTICIPANT)	NO. PARTICIPANTS	PARTICIPATING WOA REF. LABS/ ORGANISING WOA REF. LAB.
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25. Did you organise or participate in inter-laboratory proficiency tests with WOA Reference Laboratories designated for the same pathogen?

No

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

Yes

TITLE OF THE PROJECT OR CONTRACT	SCOPE	NAME(S) OF RELEVANT WOA REFERENCE LABORATORIES
Performance comparison of different C. abortus specific PCR tests	Test validation	FLI - Germany Institute of Veterinary Pathology - Zurich University

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?

No

TOR12: EXPERT CONSULTANTS

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

No

29. Additional comments regarding your report:

No