

WOAH Reference Laboratory Reports Activities 2025

This report has been submitted: 7 janvier 2026 12:00

LABORATORY INFORMATION

*Name of disease (or topic) for which you are a designated WOA Reference Laboratory:	Q fever
*Address of laboratory:	Partyzantów 57 Avenue, 24-100 Puławy, Poland
*Tel:	+48818893274
*E-mail address:	agnieszka.jodelko@piwet.pulawy.pl
Website:	https://www.piwet.pulawy.pl/
*Name (including Title) of Head of Laboratory (Responsible Official):	Professor Stanisław Winiarczyk, DVM, PhD, ScD
*Name (including Title and Position) of WOA Reference Expert:	dr Agnieszka Jodelko, DVM, assistant professor
*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			
ELISA	Yes	505	0
Direct diagnostic tests			
real-time PCR	Yes	487	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 (nonWOAH-approved) and/or other diagnostic reagents to WOA Members?

Yes

Type of reagent available	Related diagnostic test	Produced/ provide	Amount supplied nationally (ml, mg)	Amount supplied internationally (ml, mg)	No. of recipient WOA Member Countries	Country of recipients
Positive serum	ELISA	Produced	6 ml	0	1	POLAND,
Negative serum	ELISA	Produced	5,5 ml	0	1	POLAND,

4. Did your laboratory produce vaccines?

No

5. Did your laboratory supply vaccines to WOA Members?

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 WOAH Standards for the designated pathogen or disease?

No

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

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

TOR4: DIAGNOSTIC TESTING FACILITIES

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

No

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

Yes

Name of the WOAH Member Country receiving a technical consultancy	Purpose	How the advice was provided
KAZAKHSTAN	Request for consultation on the interpretation of test results. As these were results from human studies, the laboratory was instructed to consult with laboratories specializing in the analysis of human-derived samples.	Via e-mail
CHINA (PEOPLE'S REP. OF)	Request for Technical Assistance on Q Fever (<i>Coxiella burnetii</i>) Vaccine Development in China	Via e-mail

TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES

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

No

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

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?

Yes

If the answer is yes, please provide details of the data collected:

Yes, at the national level. Epidemiological data (e.g. seroprevalence, prevalence, number of tested animals/herds) were presented at meeting and trainings for veterinarians and Veterinary Inspection employees.

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

Szymańska-Czerwińska, Monika, et al. "Screening for *Coxiella burnetii* and *Chlamydia* species in Polish Cervidae" *Animal Science Papers and Reports*, vol. 43, no. 1, Institute of Genetics and Animal Biotechnology of the Polish Academy of Sciences, 2025, pp. 49-58. <https://doi.org/10.2478/aspr-2025-0004>

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 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)	
ISO/IEC 17025:2018-02 Management System	pdf	certificate and scope of accreditation AB 958.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
ELISA	Polish Centre for Accreditation
real-time PCR	Polish Centre for Accreditation

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

Yes

NVRI maintains a complete and functioning laboratory biological risk management system, which ensures that the laboratory is in compliance with applicable national and international standards and requirements for biosafety and laboratory biosecurity.

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?

No

25. Did you organise or participate in inter-laboratory proficiency tests with WOA Reference Laboratories designated for the same pathogen during the past 2 years?

Yes

Agnieszka Jodelko - - POLAND

Purpose of the proficiency test:	Role of your Reference Laboratory (organiser/ participant)	No. participating Laboratories	Participating WOAHO Ref. Labs/ organising WOAHO Ref Lab
PCR detection and/or quantification of <i>Coxiella burnetii</i> for the diagnosis of abortion in ruminants (2024)	Participant	50	Organised by: WOAHO Reference Laboratory for Q fever disease, ANSES (French Agency for Food, Environmental and Occupational Health & Safety) Sophia-Antipolis Laboratory, Animal Q fever, 105, route des Chappes, BP 111, 06902 Sophia-Antipolis

26. Did your laboratory collaborate with other WOAHO 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 WOAHO Reference Laboratories for the same pathogen during the past 2 years?

Yes

Purpose for inter-laboratory test comparisons ¹	Role of your reference laboratory (organizer/participant)	No. participating laboratories	Name of the test	WOAHO Member Countries
Determining a laboratory's capability to conduct specific diagnostic tests (proficiency testing)	Organizer (2024)	13	Serological diagnostic of Q fever using Enzyme linked immunosorbent assay (ELISA)	POLAND,
Determining a laboratory's capability to conduct specific diagnostic tests (proficiency testing)	Organizer (2025)	13	Serological diagnostic of Q fever using Enzyme linked immunosorbent assay (ELISA)	POLAND,

TOR12: EXPERT CONSULTANTS

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

No

29. Additional comments regarding your report:

Yes

In the past year laboratory did not receive many inquiries or requests from laboratories in WOAHO member countries. The laboratory has made every effort to address each such request and inquiry with the utmost care.