

WOAH Reference Laboratory Reports Activities 2022

Activities in 2022

This report has been submitted : 25 avril 2023 15:32

Laboratory Information

Name of disease (or topic) for which you are a designated WOAH Reference Laboratory:	Contagious agalactia
Address of laboratory:	Istituto Zooprofilattico Sperimentale della Sicilia, Via G. Marinuzzi 3, 90129 Palermo, Italy
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Website:	www.izssicilia.it
Name (including Title) of Head of Laboratory (Responsible Official):	Guido Ruggero Loria
Name (including Title and Position) of WOAH Reference Expert:	Guido Ruggero Loria
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 WOAH Manual (Yes/No)	Total number of test performed last year	
Indirect diagnostic tests		Nationally	Internationally
ELISA Mycoplasma agalactiae	YES	96	0
Immunoblotting Mycoplasma agalactiae	YES	20	0

Direct diagnostic tests		Nationally	Internationally
Isolation	YES	1512	
PCR/DGGE	YES	1434	
Histopathology	NO	82	

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?

No

4. Did your laboratory produce vaccines?

Yes

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 WOA 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 Standards for the designated pathogen or disease?

No

TOR4: DIAGNOSTIC TESTING FACILITIES

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

No

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

Yes

NAME OF THE WOA MEMBER COUNTRY RECEIVING A TECHNICAL CONSULTANCY	PURPOSE	HOW THE ADVICE WAS PROVIDED
SOUTH SUDAN (REP. OF)	Support to diagnostic expertise (ERFAN project)	Online training, delivering procedures

TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES

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

Yes

			PARTNERS	WOA MEMBER COUNTRIES INVOLVED
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Title of the study	Duration	PURPOSE OF THE STUDY	(INSTITUTIONS)	OTHER THAN YOUR COUNTRY
Investigating survival and persistence of Ensuring tools and capability to detect threats and reduce diseases risk from incursion (Project 32065)	4 years	Risk evaluation of environmental impact of M.agalactiae	APHA Weybridge	UNITED KINGDOM

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:

Reporting of outbreaks to National Ministry of Health

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:

Reports through scientific events (workshop, meetings)

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:

Preliminary Study on the Host Response to Bivalent and Monovalent Autogenous Vaccines against Mycoplasma agalactiae in Dairy Sheep (2022) HA Hussein, M Tolone, L Condorelli, P Galluzzo, R Puleio, I Vazzana, ... Veterinary Sciences 9 (12), 651 Evaluating the association between blood genotype or phenotype and haemoplasma infection in UK and Italian cats (2022) E Spada, P Galluzzo, A Torina, GR Loria, R Perego, F Grippi, V Blanda, ... Veterinary Record, e2282 First Molecular Survey to Detect Mycoplasma gallisepticum and Mycoplasma synoviae in Poultry Farms in a Strategic Production District of Sicily (South-Italy) (2022) P Galluzzo, S Migliore, L Galuppo, L Condorelli, HA Hussein, F Licitra, ... Animals 12 (8), 962 New European rules introduced by regulation (EU) 2016/429 to facilitate animal trade: With great risk comes great responsibility (2022) GR Loria, S Migliore, C Bongiorno, G Ciaccio, A Laddomada, Frontiers in Veterinary Science 9 Vaccines for Mycoplasma Diseases of Small Ruminants: A Neglected Area of Research (2022) K Dudek, U Sevimli, S Migliore, A Jafarizadeh, GR Loria, RAJ Nicholas, Pathogens 11 (1), 75 Mycoplasma ovipneumoniae: A Most Variable Pathogen Z Maksimović, M Rifatbegović, (2022) GR Loria, RAJ Nicholas Pathogens 11 (12), 1477

0

b) International conferences:

0
0

c) National conferences:

0
0

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

Online courses
ERFAN Project

TOR7: SCIENTIFIC AND TECHNICAL TRAINING

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

Yes

a) Technical visit :

b) Seminars : N° 4 online seminars on mycoplasma diseases diagnostic methods, surveillance and control

c) Hands-on training courses: 0

d) Internships (> 1 month) n° 1 internship on mycoplasma diseases of veterinary importance

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
D	EGYPT	1

TOR8: QUALITY ASSURANCE

18. Does your laboratory have a Quality Management System?

Yes

Quality management system adopted	Certificate scan (PDF, JPG, PNG format)	
17025	ACCREDITATION CERTIFICATE (ACCREDIA)	Certificato di Accreditamento n. 0246.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
ISOLATION OF THE PATHOGEN; RT-PCR; ELISA	ACCREDIA

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

Yes

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.
TEST EFFICIENCY FOR RT-PCR AND ELISA	PARTICIPANT	2	Mycoplasma Laboratory - APHA Webridge UK

25. Did you organise or participate in inter-laboratory proficiency tests with 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.
TEST EFFICIENCY FOR RT-PCR AND ELISA	PARTICIPANT	2	Mycoplasma Laboratory - APHA Webridge UK

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
PROJECT 32065 (Ensuring tools and capability to detect threats and reduced disease risk from incursions)	Evaluation of M.agalactiae risk in the farm and environment	Mycoplasma Laboratory - APHA Weybridge - UK

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?

29. Additional comments regarding your report:

No