

WOAH Reference Laboratory Reports Activities 2022

Activities in 2022

This report has been submitted : 31 mai 2023 14:55

Laboratory Information

Name of disease (or topic) for which you are a designated WOA Reference Laboratory:	American foulbrood
Address of laboratory:	Les Templiers 105 route des Chappes CS 20111 06902 Sophia Antipolis FRANCE
Tel.:	+33492943700
E-mail address:	marie-pierre.chauzat@anses.fr
Website:	https://www.anses.fr/fr
Name (including Title) of Head of Laboratory (Responsible Official):	Richard Thiéry (Head of the Anses Sophia Antipolis Laboratory)
Name (including Title and Position) of WOA Reference Expert:	Dr Marie-Pierre CHAUZAT (WOAH expert for Nosemosis, American foulbrood; European foulbrood, varroosis and noseamosis; Head the European laboratory for honeybee health)
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
none	no	0	0
Direct diagnostic tests		Nationally	Internationally
Recherche de la loque américaine par examen bactérioscopique	yes	11	0

Isolement et culture de Paenibacillus larvae (agent de la loque américaine)	yes	7	0
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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?

Yes

TYPE OF REAGENT AVAILABLE	RELATED DIAGNOSTIC TEST	PRODUCED/ PROVIDE	AMOUNT SUPPLIED NATIONALLY (ML, MG)	AMOUNT SUPPLIED INTERNATIONALLY (ML, MG)	NO. OF RECIPIENT WOA?H MEMBER COUNTRIES	COUNTRY OF RECIPIENTS
PCR and control	P. larvae	1	0	1	1	

4. Did your laboratory produce vaccines?

Not applicable

5. Did your laboratory supply vaccines to WOA?H Members?

Not applicable

TOR3: NEW PROCEDURES

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

Yes

NAME OF THE NEW TEST OR DIAGNOSTIC METHOD DEVELOPED	DESCRIPTION AND REFERENCES (PUBLICATION, WEBSITE, ETC.)
• Méthode de quantification de Paenibacillus larvae (agent de la loque américaine) par PCR en temps réel	Dans le cadre des travaux de recherche du projet européen Poshbee, le laboratoire a développé et validé une nouvelle amorce de PCR quantitative ciblant P. larvae et permettant d'harmoniser les conditions d'amplification avec celles de la PCR quantitative ciblant Melissococcus plutonius (agent de la loque européenne).
• Méthodes de génotypage de P. larvae	Le laboratoire a implémenté et mis au point trois méthodes de typage moléculaire de P. larvae : ERIC-PCR, MLST et MLVA. Ces méthodes sont utiles dans le cadre d'études épidémiologiques

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

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 Member?

No

TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES

12. Did your laboratory participate in international scientific studies in collaboration with WOA 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:

b) International conferences:

c) National conferences:

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

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Sidi Boumedine, K., V. Duquesne et S. Franco. 2022. "Le diagnostic de la loque américaine en France face aux enjeux de surveillance et de lutte : états des lieux et perspectives." La santé de l'abeille 308 (03-04/2022): 157-175.

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 17025	pdf	2.Attestation 1-2249 révision 12.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
Recherche de la loque américaine par examen bactérioscopique	cofrac
Isolement et culture de Paenibacillus larvae (agent de la loque américaine)	cofrac

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

No

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?

Not applicable (only WOA Reference Laboratory designated for the disease)

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

Not applicable (Only WOA Reference Laboratory designated for the disease)

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

Not applicable (Only WOA Reference Laboratory designated for the disease)

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?

Not applicable (Only WOA Reference Laboratory designated for the disease)

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 WOH?

No

29. Additional comments regarding your report:

No