

# OIE Reference Laboratory Reports Activities

## *Activities in 2021*

**This report has been submitted : 2022-01-05 11:58:23**

<b>Name of disease (or topic) for which you are a designated OIE Reference Laboratory:</b>	Rabies
<b>Address of laboratory:</b>	National Reference Laboratory for Rabies Institute for Diagnosis and Animal Health Dr Nicolae Staicovici Street, No. 63, Sector 5 Bucharest 050557 ROMANIA
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<b>Name (including Title) of Head of Laboratory (Responsible Official):</b>	Assoc Prof Florica Barbuceanu
<b>Name (including Title and Position) of OIE Reference Expert:</b>	Vlad Vuta
<b>Which of the following defines your laboratory? Check all that apply:</b>	Governmental

**ToR 1: To use, promote and disseminate diagnostic methods validated according to OIE Standards**

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 OIE Manual (Yes/No)	Total number of test performed last year	
		Nationally	Internationally
Indirect diagnostic tests		Nationally	Internationally
Fluorescent Antibody Virus Neutralization Test	yes	-	876
Antibodies detection by ELISA in the frame of monitoring of ORV program	yes	641	
Tetracycline detection in the frame of monitoring of ORV program	yes	651	
Direct diagnostic tests		Nationally	Internationally
FAT	yes	113	
RTCIT	yes	10	
PCR	yes	12	
MIT	yes	9	

**ToR 2: To develop reference material in accordance with OIE requirements, and implement and promote the application of OIE Standards.  
To store and distribute to national laboratories biological reference products and any other reagents used in the diagnosis and control of the designated pathogens or disease.**

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

No

3. Did your laboratory supply standard reference reagents (non OIE-approved) and/or other diagnostic reagents to OIE Member Countries?

No

4. Did your laboratory produce vaccines?

No

5. Did your laboratory supply vaccines to OIE Member Countries?

No

***ToR 3: To develop, standardise and validate, according to OIE Standards, new procedures for diagnosis and control of the designated pathogens or diseases***

6. Did your laboratory develop new diagnostic methods validated according to OIE Standards for the designated pathogen or disease?

No

7. Did your laboratory develop new vaccines according to OIE Standards for the designated pathogen or disease?

No

***ToR 4: To provide diagnostic testing facilities, and, where appropriate, scientific and technical advice on disease control measures to OIE Member Countries***

8. Did your laboratory carry out diagnostic testing for other OIE Member Countries?

Yes

Name of OIE Member Country seeking assistance	Date (month)	No. samples received for provision of diagnostic support	No. samples received for provision of confirmatory diagnoses
MOLDOVA	Feb-May	14	14

9. Did your laboratory provide expert advice in technical consultancies on the request of an OIE Member Country?

Yes

Name of the OIE Member Country receiving a technical consultancy	Purpose	How the advice was provided
MOLDOVA	SUPPORT TO THE MOLDOVA NATIONAL CENTER FOR VETERINARY DIAGNOSTICS IN IMPLEMENTATION AND VALIDATION OF NEW LABORATORY METHODS	by WBG project, no 1270548

**ToR 5: To carry out and/or coordinate scientific and technical studies in collaboration with other laboratories, centres or organisations**

10. Did your laboratory participate in international scientific studies in collaboration with OIE Member Countries other than the own?

No

**ToR 6: To collect, process, analyse, publish and disseminate epizootiological data relevant to the designated pathogens or diseases**

11. Did your Laboratory collect epizootiological data relevant to international disease control?

Yes

If the answer is yes, please provide details of the data collected:
The collected data are related to the monitoring and surveillance of Rabies in Romania following ORV program.

12. Did your laboratory disseminate epizootiological data that had been processed and analysed?

Yes

If the answer is yes, please provide details of the data collected:
The collected data are related to the monitoring and surveillance of Rabies in Romania following ORV program.

**13. What method of dissemination of information is most often used by your laboratory? (Indicate in the appropriate box the number by category)**

a) Articles published in peer-reviewed journals: 0

b) International conferences: 0

c) National conferences: 0

d) Other:  
(Provide website address or link to appropriate information) 1  
the reports are sent to the Central Authority each year.

**ToR 7: To provide scientific and technical training for personnel from OIE Member Countries**  
**To recommend the prescribed and alternative tests or vaccines as OIE Standards**

14. Did your laboratory provide scientific and technical training to laboratory personnel from other OIE Member Countries?

Yes

- a) Technical visits: 1  
 b) Seminars: 0  
 c) Hands-on training courses: 1  
 d) Internships (>1 month): 0

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, c	Moldova	2

**ToR 8: To maintain a system of quality assurance, biosafety and biosecurity relevant for the pathogen and the disease concerned**

15. Does your laboratory have a Quality Management System?

Yes

Quality management system adopted	Certificate scan (PDF, JPG, PNG format)
ISO 17025/2018	17025.pdf
ISO 17043/2010	17043.pdf

16. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
FAVN	Romanian Accreditation body-RENAR
FAT	Romanian Accreditation body-RENAR
RTCIT	Romanian Accreditation body-RENAR
dRIT	Romanian Accreditation body-RENAR
PCR	Romanian Accreditation body-RENAR
Tetracycline detection	Romanian Accreditation body-RENAR
Antibody detection by ELISA	Romanian Accreditation body-RENAR
MIT	Romanian Accreditation body-RENAR

17. Does your laboratory maintain a “biorisk management system” for the pathogen and the disease concerned?

Yes

(See *Manual of Diagnostic Tests and Vaccines for Terrestrial Animals, Chapter 1.1.4*)

### **ToR 9: To organise and participate in scientific meetings on behalf of the OIE**

18. Did your laboratory organise scientific meetings on behalf of the OIE?

No

19. Did your laboratory participate in scientific meetings on behalf of the OIE?

Yes

Title of event	Date (mm/yy)	Location	Role (speaker, presenting poster, short communications)	Title of the work presented
RABLAB meeting	06/2021	virtual/zoom meeting	-	-
RABLAB meeting	10/2021	virtual/zoom meeting	-	-

**ToR 10: To establish and maintain a network with other OIE Reference Laboratories designated for the same pathogen or disease and organise regular inter-laboratory proficiency testing to ensure comparability of results**

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

Yes

21. Was your laboratory involved in maintaining a network with OIE Reference Laboratories designated for the same pathogen or disease by organising or participating in proficiency tests?

No

22. Did your laboratory collaborate with other OIE 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 OIE Reference Laboratories
Molecular epidemiological analysis of rabies isolates from Romania	The scope is to study the genetic diversity of the rabies strains from wild and domestic animals isolated in Romania from 2010 to 2019	OIE Reference Laboratory for Rabies from France

**ToR 11: To organise inter-laboratory proficiency testing with laboratories other than OIE Reference Laboratories for the same pathogens and diseases to ensure equivalence of results**

23. Did your laboratory organise or participate in inter-laboratory proficiency tests with laboratories other than OIE Reference Laboratories for the same disease?

Yes

Note: See Interlaboratory test comparisons in: Laboratory Proficiency Testing at: <http://www.oie.int/en/our-scientific-expertise/reference-laboratories/proficiency-testing> see point 1.3

Purpose for inter-laboratory test comparisons <sup>1</sup>	No. participating laboratories	Region(s) of participating OIE Member Countries
Rabies diagnosis by FAT	40 regional labs from Romania	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input checked="" type="checkbox"/> Europe <input type="checkbox"/> Middle East
Rabies diagnosis by FAT	1 (Moldova)	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input checked="" type="checkbox"/> Europe <input type="checkbox"/> Middle East

***ToR 12: To place expert consultants at the disposal of the OIE***

24. Did your laboratory place expert consultants at the disposal of the OIE?

No

25. Additional comments regarding your report:

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