



WORLD HEALTH ORGANIZATION
ORGANISATION MONDIALE DE LA SANTÉ
WELTGESUNDHEITSORGANISATION
ВСЕМИРНАЯ ОРГАНИЗАЦИЯ ЗДРАВООХРАНЕНИЯ

REGIONAL OFFICE FOR EUROPE
BUREAU RÉGIONAL DE L'EUROPE
REGIONALBÜRO FÜR EUROPA
ЕВРОПЕЙСКОЕ РЕГИОНАЛЬНОЕ БЮРО

Head office:
UN City, Marmorvej 51,
DK-2100 Copenhagen Ø, Denmark
Tel.: +45 45 33 70 00; Fax: +45 45 33 70 01
Email: eurocontact@who.int
Website: <http://www.euro.who.int>

Our reference:
Notre référence:
Unser Zeichen:
См. наш номер:

Your reference:
Votre référence:
Ihr Zeichen:
На Ваш номер:

Date: 21 August 2019

Professor Aurelijus Veryga
Minister of Health
Ministry of Health
Vilniaus g. 33
Lithuania

P. R. Shetarskinec
P. V. Zimnichka
F. Sauter
2019-08-21

Lietuvos Respublikos
Sveikatos apsaugos ministras
Aurelijus Veryga
2019-08-26

Dear Sir,

As part of the annual accreditation procedure, the National Measles/Rubella Laboratory of your country was reviewed by the WHO Regional Office for Europe.

Based on the results of this review, I am pleased to inform you that the National Laboratory is **fully accredited** as a WHO Measles/Rubella National Laboratory for 2020. Enclosed are the scope of the accreditation and the recommendations of the review for your information.

I would like to take this opportunity to draw your attention to the newly released WHO Manual for the laboratory-based surveillance of measles, rubella, and congenital rubella syndrome (https://www.who.int/immunization/monitoring_surveillance/burden/laboratory/manual/en/), which provides updated information on WHO Measles and Rubella Laboratory Network standards, requirements and testing algorithms to adequately support case-based surveillance for measles, rubella and congenital rubella syndrome. The Manual also provides useful guidance for laboratory contribution to the verification of disease elimination, in line with the recent recommendations of the European Regional Verification Commission for Measles and Rubella Elimination.

Since WHO-accredited national laboratories play an increasing role in securing high-quality laboratory investigations through oversight, coordination of national laboratory networks and measles and rubella external quality assessment programmes, I would like to thank you personally for your ongoing support for the National Measles/Rubella Laboratory and to congratulate the staff of the Laboratory on the successful accreditation.

Yours very truly,

Dr Piroska Östlin
Acting Regional Director

Copy for information to:

Ms Radvilė Jakaitienė, Adviser, Strategic Management and International Cooperation Division, Ministry of Health, Vilniaus g. 16, LT-01506 Vilnius, Lithuania

H.E. Mr Andrius Krivas, Ambassador, Permanent Mission of Lithuania to the United Nations Office and other international organizations in Geneva, Chemin Louis-Dunant 15, CH-1202 Geneva, Switzerland

H.E. Ms Gintė Bernadeta Damušis, Ambassador Extraordinary and Plenipotentiary, Embassy of the Republic of Lithuania, Bernstorffsvej 214, 2920 Charlottenlund, Denmark

Ms Ingrida Zurlyte, Head of WHO Office, WHO Country Office, Lithuania, Didžioji gatvė 22, LT-01128 Vilnius, Lithuania



World Health
Organization

**Measles and Rubella National Laboratory
Check-list for WHO Accreditation
Section 1: General Review & Overall Findings**

Dates of Review:	01/01/2018 – 31/12/2018	On-site	Desk Review	Accreditation for	2020
				calendar year:	
Name of Laboratory:	NATIONAL PUBLIC HEALTH SURVEILLANCE LABORATORY CLINICAL TESTING DEPARTMENT				
Address:	ŽOLYNO str. 36, LT-10210, VILNIUS				
		Country	LITHUANIA		
Phone:	+37052337925	Email:	nvspl@nvspl.lt	Website:	www.nvspl.lt
Head of Institute:	Vytautas Vidmantas Zimnickas	Head of Department:	Algirdas Griškevičius		
Head of Measles and Rubella Laboratory:	Vilnelė Lipnickienė				
Technical Supervisor:	Ilona Kušlevičiūtė				
Number of laboratories under supervision:	0				
Name of Reviewer(s):	Dr. Myriam Ben Mamou & Dovile Videbaek, WHO/Europe				
Name of National Accreditation Authority (if appropriate) and current accreditation status from this authority (e.g. ISO15189 or other, provide documentation):					

Summary of Accreditation Review

Recommendations (check one):

Accredit: Laboratory meets all criteria

Measles:

- Serology
- Detection RT-PCR/RT-qPCR
- Sequencing
- Cell Culture
- Measles testing not done

Rubella:

- Serology
- Detection RT-PCR/RT-qPCR
- Sequencing
- Cell Culture
- Rubella testing not done

Provisionally accredit: Laboratory passed the most recent proficiency test, but needs to strengthen one or more of the remaining criteria (check off relevant criteria):

Measles:

- Serology
- Detection RT-PCR/RT-qPCR
- Sequencing
- Cell Culture
- Measles testing not done

Rubella:

- Serology
- Detection RT-PCR/RT-qPCR
- Sequencing
- Cell Culture
- Rubella testing not done

Do not accredit: Laboratory did not pass the most recent proficiency test and/or did not meet other performance indicators.

Measles:

- Serology
- Detection RT-PCR/RT-qPCR
- Sequencing
- Cell Culture
- Measles testing not done

Rubella:

- Serology
- Detection RT-PCR/RT-qPCR
- Sequencing
- Cell Culture
- Rubella testing not done

Main General Findings:

Findings:

1.	Confirmatory test results of Sub-national Laboratories' referred specimens are reported within 14 days for $\geq 80\%$ of specimens received:		NA
2.	The laboratory reports monthly to WHO:	Completeness: Timeliness:	100% 83%
3.	IgM tests are performed on at least 50 specimens annually:	Measles: Rubella:	81 67
4.	Measles and Rubella IgM test results conducted for primary diagnostics are reported by the laboratory within 4 days of receipt, for $\geq 80\%$ of specimens	Measles: Rubella:	95% 94%
5.	The accuracy of IgM detection is $\geq 90\%$ (NLs sending sera to RRL and SNLs to NLs for confirmatory testing) - 45 measles and 25 rubella samples	Measles: Rubella:	100%/91%* 100%
6.	Molecular tests are performed on at least 2 specimens per quarter, for measles and rubella (RT-PCR, GT)		Yes
7.	Score on most recent WHO Serology proficiency test is $\geq 90\%$: PT panel number: 01802 Date reported: 06/11/2018	Measles: Rubella:	100% 100%
8.	Performance on most recent WHO Molecular EQA is passed (P) /re-test (R) (provisionally passed)/fail (F) Panel number for measles: 18-1 Date reported: 23/11/18 Panel number for rubella: 18-1 Date reported: 23/11/18	Measles Mol detection: Measles Sequencing: Rubella Mol detection: Rubella Sequencing:	Passed NA Passed NA
9.	For labs that conduct virus sequencing: Virus sequencing is completed AND reported to WHO through MeaNS or RubeNS within 2 months of receipt of specimens, for $\geq 80\%$ of the specimens appropriate for genetic analysis	MeaNS; RubeNS:	NA
10.	Score from on-site review of laboratory operating procedures and practices is $\geq 80\%$:		

* 100% (11/11) concordance for specimens tested with Siemens at NL; 91% (29/32) - for tested with Virion Serion.

Conclusion

- Excellent performance for serology and RT-PCR.