

# CERTIFICATE

Survey of 24 June 2022

You have fulfilled the requirements of the External Quality Assessment with the following analysis

## Virus Genome Detection - SARS-CoV-2 (409):

Validity 12 months:

SARS-CoV-2 (RNA) - qualitative

(R) analysis is subject to the RiliBÄK

**Participant:**  
5577

**Nat. Center of Infectious and Parasitic Diseases**  
Prof. Iva Christova, MD  
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1504 Sofia

Düsseldorf, 18 July 2022



Prof. Dr. med. Michael Spannagl  
(Head of Reference Institution)



Prof. Dr. rer. nat. Heinz Zeichhardt  
(Adviser)

# CERTIFICATE OF PARTICIPATION

Survey of 24 June 2022

You have participated in the External Quality Assessment with the following analysis

## Virus Genome Detection - SARS-CoV-2 (409):

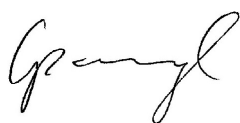
SARS-CoV-2 (RNA) - qualitative

(R) analysis is subject to the RiliBÄK

**Participant:**  
5577

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Prof. Dr. rer. nat. Heinz Zeichhardt  
(Adviser)

### Survey of 24 June 2022

**Adviser:**

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409

## Virus Genome Detection - SARS-CoV-2

### SARS-CoV-2 (RNA) - qualitative

+

Name of test	Unit	Method	Manufacturer			
TaqPath COVID-19 RT-PCR Kit		PCR / NAT (395)	THERMO FISHER SCIENTIFIC (TFS)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	409026	positive (3)	positive (3)	SV		+
	409027	positive (3)	positive (3)	SV		+
	409028	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	409029	positive (3)	positive (3)	SV		+
	409030	positive (3)	positive (3)	SV		+
Primer / Gene region	Sample	Your value				
	409026	ORF1ab				
	409027	ORF1ab				
	409028	ORF1ab				
	409029	ORF1ab				
	409030	ORF1ab				
Name of test	Unit	Method	Manufacturer			
TaqPath COVID-19 RT-PCR Kit		PCR / NAT (395)	THERMO FISHER SCIENTIFIC (TFS)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	409026	positive (3)	positive (3)	SV		+
	409027	positive (3)	positive (3)	SV		+
	409028	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	409029	positive (3)	positive (3)	SV		+
	409030	positive (3)	positive (3)	SV		+
Primer / Gene region	Sample	Your value				
	409026	N gene				
	409027	N gene				
	409028	N gene				
	409029	N gene				
	409030	N gene				



## Listing and evaluation of the results

5577: Nat. Center of Infectious and Parasitic Diseases

Prof. Iva Christova, MD

### Survey of 24 June 2022

Name of test	Unit	Method	Manufacturer			
TaqPath COVID-19 RT-PCR Kit		PCR / NAT (395)	THERMO FISHER SCIENTIFIC (TFS)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
(1)	409026	positive (3)	positive (3)	SV		+
	409027	positive (3)	positive (3)	SV		+
	409028	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	409029	below detection limit/negative (1)	positive (3)	SV		
	409030	positive (3)	positive (3)	SV		+
Primer / Gene region	Sample	Your value				
	409026	S gene				
	409027	S gene				
	409028	S gene				
	409029	S gene				
	409030	S gene				

(1) This result is not considered for the certificate, because results of further tests / for further gene regions are evaluated as "correct" for all evaluated samples.