

## New England Biolabs Certificate of Analysis

**Product Name:** Luna® SARS-CoV-2 RT-qPCR Multiplex Assay Kit  
**Catalog Number:** E3019S  
**Packaging Lot Number:** 10143642  
**Expiration Date:** 01/2023  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E3019S/L v1.0

Luna® SARS-CoV-2 RT-qPCR Multiplex Assay Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S0631AVIAL	SARS-CoV-2 Primer/Probe Mix (N1/N2/RP)	10128915	Pass
N2117SVIAL	SARS-CoV-2 Positive Control (N gene)	10135669	Pass
M3019SVIAL	Luna® Probe One-Step RT-qPCR 4X Mix with UDG	10137519	Pass
B1502AVIAL	Nuclease-free Water	10074615	Pass

Assay Name/Specification	Lot # 10143642
<b>Functional Testing (RT-qPCR, SARS-CoV-2)</b> Luna® SARS-CoV-2 RT-qPCR Multiplex Assay Kit is functionally tested and compared to a control lot using 10 ng of human total RNA spiked with synthetic SARS-CoV-2 RNA in an RT-qPCR assay, resulting in a standard curve with a calculated qPCR efficiency of 90-110%, and a dynamic range of 5 orders of magnitude.	<b>Pass</b>
<b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in Luna® SARS-CoV-2 RT-qPCR Multiplex Assay Kit and meet the designated specifications.	<b>Pass</b>

This product has been tested and shown to be in compliance with all specifications.

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit [www.neb.com/trademarks](http://www.neb.com/trademarks) for additional information.

*Christie Vazquez*

Christie Vazquez  
Production Scientist  
16 Mar 2022

*Michael Tonello*

Michael Tonello  
Packaging Quality Control Inspector  
16 Mar 2022