

## New England Biolabs Certificate of Analysis

**Product Name:** Luna® SARS-CoV-2 RT-qPCR Multiplex Assay Kit  
**Catalog Number:** E3019S  
**Packaging Lot Number:** 10104994  
**Expiration Date:** 03/2022  
**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)	10083037	Pass
N2117SVIAL	SARS-CoV-2 Positive Control (N gene)	10094222	Pass
M3019SVIAL	Luna® Probe One-Step RT-qPCR 4X Mix with UDG	10102378	Pass
B1502AVIAL	Nuclease-free Water	10102087	Pass

Assay Name/Specification	Lot # 10104994
<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.	Pass
<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.	Pass

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.

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28 Apr 2021

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