

## New England Biolabs Certificate of Analysis

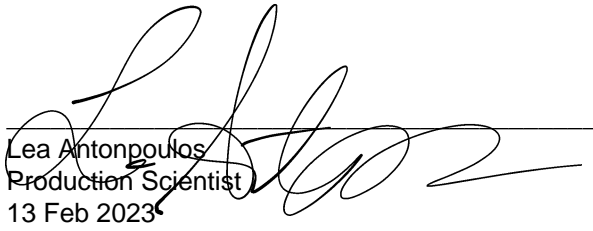
Product Name: Luna<sup>®</sup> SARS-CoV-2 RT-qPCR Multiplex Assay Kit  
 Catalog Number: E3019S  
 Packaging Lot Number: 10208161  
 Expiration Date: 01/2025  
 Storage Temperature: -20°C  
 Specification Version: PS-E3019S/L v2.0

| Luna <sup>®</sup> 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)                   | 10175352   | Pass                 |
| N2117SVIAL  | SARS-CoV-2 Positive Control (N gene)                     | 10184686   | Pass                 |
| M3019SVIAL  | Luna <sup>®</sup> Probe One-Step RT-qPCR 4X Mix with UDG | 10187476   | Pass                 |
| B1502AVIAL  | Nuclease-free Water                                      | 10185496   | Pass                 |

| Assay Name/Specification  | Lot # 10208161 |
|---|----------------|
| <p><b>* Individual Product Component Note</b><br/>           Standard Quality Control Tests are performed for each component included in Luna<sup>®</sup> SARS-CoV-2 RT-qPCR Multiplex Assay Kit and meet the designated specifications.</p>  | Pass           |
| <p><b>Functional Testing (RT-qPCR, SARS-CoV-2)</b><br/>           Luna<sup>®</sup> 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.</p> | 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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13 Feb 2023

  
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06 Dec 2023