

New England Biolabs Product Specification

Product Name: Luna[®] SARS-CoV-2 RT-qPCR Multiplex Assay Kit
Catalog #: E3019S/L
Kit Components: Luna[®] Probe One-Step RT-qPCR 4X Mix with UDG (M3019)
SARS-CoV-2 Positive Control (N gene) (N2117)
SARS-CoV-2 Primer/Probe Mix (N1/N2/RP) (S0631)
Nuclease-free Water (B1502)
Shelf Life: 24 months
Storage Temp: -20°C
Specification Version: PS-E3019S/L v2.0
Effective Date: 13 Jan 2023

Assay Name/Specification (minimum release criteria)

Functional Testing (RT-qPCR, SARS-CoV-2) - 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.

* **Individual Product Component Note** - 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.

One or more products referenced in this document may be covered by a 3rd-party trademark.
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Date 13 Jan 2023

Lauren Brown
Quality Approver

