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New England Biolabs Certificate of Analysis

Product Name: Luna® Cell Ready Probe One-Step RT-qPCR Kit

Catalog Number: E3031S
Packaging Lot Number: 10152464
Expiration Date: 01/2024
Storage Temperature: -20°C

Specification Version: PS-E3031S v1.0

| Luna® Cell Ready Probe One-Step RT-qPCR Kit Component List | | | | |
|--|---|------------|----------------------|--|
| NEB Part Number | Component Description | Lot Number | Individual QC Result | |
| M3006SVIAL | Luna® Universal Probe One-Step Reaction Mix | 10142907 | Pass | |
| M3002LVIAL | Luna® WarmStart® RT Enzyme Mix | 10138595 | Pass | |
| M0474AVIAL | DNasel (RNase-free) | 10143673 | Pass | |
| M0473AVIAL | Luna® Cell Ready Protease | 10143672 | Pass | |
| M0469AVIAL | Luna® Cell Ready RNA Protection Reagent | 10143671 | Pass | |
| B8037AVIAL | Luna® Cell Ready Stop Solution | 10143496 | Pass | |
| B8036AVIAL | Luna Cell Ready Lysis Buffer | 10147683 | Pass | |
| B1502AVIAL | Nuclease-free Water | 10145291 | Pass | |

| Assay Name/Specification | Lot # 10152464 |
|--|----------------|
| * Individual Product Component Note | Pass |
| Standard Quality Control Tests are performed for each component included in Luna® | |
| Cell Ready Probe One-Step RT-qPCR Kit and meet the designated specifications. | |
| Functional Testing (One-Step RT qPCR) | Pass |
| The Luna® Cell Ready Probe One-Step RT-qPCR Kit is functionally tested in One-Step | |
| RT-qPCR. The lysate is prepared from approximately 100,000 HeLa cells and is further | |
| diluted prior to RT-qPCR, resulting in a standard curve with a calculated qPCR | |
| efficiency of 90-110% over a dynamic range of 5 orders of magnitude. | |

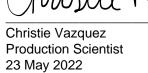
This product has been tested and shown to be in compliance with all specifications.

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



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Michael Tonello

Packaging Quality Control Inspector

23 May 2022

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