

240 County Road Ipswich, MA 01938-2723 Tel 978-927-5054 Fax 978-921-1350 www.neb.com info@neb.com

New England Biolabs Certificate of Analysis

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

Catalog Number: E3030S
Packaging Lot Number: 10083932
Expiration Date: 04/2022
Storage Temperature: -20°C

Specification Version: PS-E3030S v1.0

| Luna® Cell Ready One-Step RT-qPCR Kit Component List | | | | |
|--|---|------------|----------------------|--|
| NEB Part Number | Component Description | Lot Number | Individual QC Result | |
| M3005SVIAL | Luna® Universal One-Step Reaction Mix | 10071573 | Pass | |
| M3002LVIAL | Luna® WarmStart® RT Enzyme Mix | 10073918 | Pass | |
| M0474AVIAL | DNasel (RNase-free) | 10073104 | Pass | |
| M0473AVIAL | Luna® Cell Ready Protease | 10073103 | Pass | |
| M0469AVIAL | Luna® Cell Ready RNA Protection Reagent | 10073102 | Pass | |
| B8037AVIAL | Luna® Cell Ready Stop Solution | 10073101 | Pass | |
| B8036AVIAL | Luna Cell Ready Lysis Buffer | 10073100 | Pass | |
| B1502AVIAL | Nuclease-free Water | 10074615 | Pass | |

| Assay Name/Specification | Lot # 10083932 |
|--|----------------|
| * Individual Product Component Note | Pass |
| Standard Quality Control Tests are performed for each component included in Luna® | |
| Cell Ready One-Step RT-qPCR Kit and meet the designated specifications. | |
| Functional Testing (One-Step RT qPCR) | Pass |
| The Luna® Cell Ready 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. | |

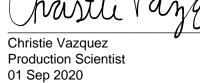
This product has been tested and shown to be in compliance with all specifications.

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

01 Sep 2020

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