

New England Biolabs Certificate of Analysis

Product Name: Luna® Cell Ready Probe One-Step RT-qPCR Kit
 Catalog Number: E3031S
 Packaging Lot Number: 10071523
 Expiration Date: 10/2021
 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 | 10069163 | Pass |
| M3002LVIAL | Luna® WarmStart® RT Enzyme Mix | 10058693 | Pass |
| M0474AVIAL | DNaseI (RNase-free) | 10067925 | Pass |
| M0473AVIAL | Luna® Cell Ready Protease | 10067924 | Pass |
| M0469AVIAL | Luna® Cell Ready RNA Protection Reagent | 10068783 | Pass |
| B8037AVIAL | Luna® Cell Ready Stop Solution | 10067922 | Pass |
| B8036AVIAL | Luna Cell Ready Lysis Buffer | 10057686 | Pass |
| B1502AVIAL | Nuclease-free Water | 10059286 | Pass |

| Assay Name/Specification | Lot # 10071523 |
|--|----------------|
| <p>* Individual Product Component Note 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.</p> | Pass |
| <p>Functional Testing (One-Step RT qPCR) 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.</p> | Pass |

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

Christie Vazquez

Christie Vazquez
Production Scientist
18 Feb 2020

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
19 Mar 2020