

## New England Biolabs Certificate of Analysis

Product Name: Luna® Cell Ready Probe One-Step RT-qPCR Kit  
 Catalog Number: E3031S  
 Packaging Lot Number: 10075779  
 Expiration Date: 03/2022  
 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	10074731	Pass
M3002LVIAL	Luna® WarmStart® RT Enzyme Mix	10071568	Pass
M0474AVIAL	DNaseI (RNase-free)	10073104	Pass
M0473AVIAL	Luna® Cell Ready Protease	10073103	Pass
M0469AVIAL	Luna® Cell Ready RNA Protection Reagent	10071110	Pass
B8037AVIAL	Luna® Cell Ready Stop Solution	10071113	Pass
B8036AVIAL	Luna Cell Ready Lysis Buffer	10073100	Pass
B1502AVIAL	Nuclease-free Water	10072020	Pass

Assay Name/Specification	Lot # 10075779
<b>Functional Testing (One-Step RT qPCR)</b> 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.	Pass
<b>* Individual Product Component Note</b> 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.	Pass

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

*Christie Vazquez*

Christie Vazquez  
Production Scientist  
16 May 2020

*Josh Hersey*

Josh Hersey  
Packaging Quality Control Inspector  
16 May 2020