

## New England Biolabs Certificate of Analysis

**Product Name:** Luna® Cell Ready Probe One-Step RT-qPCR Kit  
**Catalog Number:** E3031S  
**Packaging Lot Number:** 10149826  
**Expiration Date:** 07/2023  
**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	DNaseI (RNase-free)	10118090	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 # 10149826
<p><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.</p>	<b>Pass</b>
<p><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.</p>	<b>Pass</b>

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](http://www.neb.com/trademarks) for additional information.

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13 May 2022

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13 May 2022