

## New England Biolabs Certificate of Analysis

Product Name: Luna® Universal One-Step RT-qPCR Kit  
 Catalog Number: E3005G  
 Packaging Lot Number: 10090194  
 Expiration Date: 02/2022  
 Storage Temperature: -20°C  
 Specification Version: PS-E3005S/L/G/X v2.0

Luna® Universal One-Step RT-qPCR Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
M3005SVIAL	Luna® Universal One-Step Reaction Mix	10074732	Pass
M3002SVIAL	Luna® WarmStart® RT Enzyme Mix	10066731	Pass
B1502AVIAL	Nuclease-free Water	10083034	Pass

Assay Name/Specification	Lot # 10090194
<b>Functional Testing (One-Step RT-qPCR)</b> The Luna® Universal Probe One-Step RT-qPCR Kit is functionally tested in One-Step RT-qPCR with human RNA template, resulting in a standard curve with a calculated qPCR efficiency of 90-110%, and a dynamic range of 8 orders of magnitude.	Pass
<b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in Luna® Universal One-Step RT-qPCR Kit and meet the designated specifications.	Pass
<b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in Luna® Universal One-Step RT-qPCR Kit and meet the designated specifications.	Pass
<b>Functional Testing (One-Step RT-qPCR)</b> The Luna® Universal Probe One-Step RT-qPCR Kit is functionally tested in One-Step RT-qPCR with human RNA template, resulting in a standard curve with a calculated qPCR efficiency of 90-110%, and a dynamic range of 8 orders of magnitude.	Pass

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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14 Dec 2020

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