

## New England Biolabs Certificate of Analysis

Product Name: Luna® Universal One-Step RT-qPCR Kit  
 Catalog Number: E3005G  
 Packaging Lot Number: 10075258  
 Expiration Date: 02/2021  
 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	10036140	Pass
M3002SVIAL	Luna® WarmStart® RT Enzyme Mix	10044766	Pass
B1502AVIAL	Nuclease-free Water	10069444	Pass

Assay Name/Specification	Lot # 10075258
<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.

*Christie Vazquez*

Christie Vazquez  
Production Scientist  
11 May 2020

*Jay Minichiello*

Jay Minichiello  
Packaging Quality Control Inspector  
11 May 2020