

## New England Biolabs Certificate of Analysis

**Product Name:** Luna® Universal One-Step RT-qPCR Kit  
**Catalog Number:** E3005G  
**Packaging Lot Number:** 10048401  
**Expiration Date:** 03/2021  
**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	10047003	Pass
B1502AVIAL	Nuclease-free Water	10053901	Pass

Assay Name/Specification	Lot # 10048401
<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.	<b>Pass</b>
<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.	<b>Pass</b>
<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.	<b>Pass</b>
<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.	<b>Pass</b>

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

*Christie Vazquez*

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Christie Vazquez  
Production Scientist  
21 Mar 2019

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
01 Nov 2019