New England BioLabs Inc.

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New England Biolabs
Certificate of Analysis

Product Name:	Luna® Universal One-Step RT-qPCR Kit
Catalog Number:	E3005L
Packaging Lot Number:	10065113
Expiration Date:	06/2021
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	10056292	Pass
M3002LVIAL	Luna® WarmStart® RT Enzyme Mix	10047002	Pass
B1502AVIAL	Nuclease-free Water	10059286	Pass

Assay Name/Specification	Lot # 10065113
Functional Testing (One-Step RT-qPCR) 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
* Individual Product Component Note Standard Quality Control Tests are performed for each component included in Luna® Universal One-Step RT-qPCR Kit and meet the designated specifications.	Pass
Functional Testing (One-Step RT-qPCR) 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
* Individual Product Component Note Standard Quality Control Tests are performed for each component included in Luna® Universal 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.

ISO 9001 Registered Quality Management
ISO 13485 Registered Medical Devices
ISO 14001 Registered Environmental Management

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Christie Vazquez
Production Scientist
05 Jun 2019

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Michael Tonello
Packaging Quality Control Inspector
15 Jan 2020

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