

## New England Biolabs Certificate of Analysis

**Product Name:** Luna® Universal One-Step RT-qPCR Kit  
**Catalog Number:** E3005X  
**Packaging Lot Number:** 10114064  
**Expiration Date:** 04/2023  
**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
E3005L	Luna® Universal One-Step RT-qPCR Kit	10114514	Pass

Assay Name/Specification	Lot # 10114064
<p><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.</p>	<b>Pass</b>
<p><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.</p>	<b>Pass</b>
<p><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.</p>	<b>Pass</b>
<p><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.</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.

*Christie Vazquez*

Christie Vazquez  
Production Scientist  
08 Jul 2021

*Josh Hersey*

Josh Hersey  
Packaging Quality Control Inspector  
08 Jul 2021