

## New England Biolabs Product Specification

*Product Name:* Luna<sup>®</sup> Universal One-Step RT-qPCR Kit  
*Catalog #:* E3005S/L/G/X  
*Kit Components:* Luna<sup>®</sup> WarmStart<sup>®</sup> RT Enzyme Mix (M3002S/L)  
Luna<sup>®</sup> Universal One-Step Reaction Mix (M3005S)  
Nuclease-free Water (B1502A)

*Shelf Life:* 24 months  
*Storage Temp:* -20°C  
*Specification Version:* PS-E3005S/L/G/X v3.0  
*Effective Date:* 15 Mar 2019

### Assay Name/Specification (minimum release criteria)

**Functional Testing (One-Step RT-qPCR)** - The Luna<sup>®</sup> 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.

\* **Individual Product Component Note** - Standard Quality Control Tests are performed for each component included in Luna<sup>®</sup> Universal One-Step RT-qPCR Kit and meet the designated specifications.



Date 15 Mar 2019

Derek Robinson  
Director of Quality Control

