

## New England Biolabs Product Specification

*Product Name:* Luna<sup>®</sup> Cell Ready Probe One-Step RT-qPCR Kit  
*Catalog #:* E3031S  
*Kit Components:* Luna<sup>®</sup> Cell Ready Lysis Buffer (B8036)  
Luna<sup>®</sup> Cell Ready RNA Protection Reagent (M0469)  
Luna<sup>®</sup> Cell Ready Protease (M0473)  
Luna<sup>®</sup> Cell Ready Stop Solution (B8037)  
DNase I (RNase free) (M0474)  
Luna<sup>®</sup> WarmStart<sup>®</sup> RT Enzyme Mix (M3002)  
Luna<sup>®</sup> Universal Probe One-Step Reaction Mix (M3006)  
Nuclease-free Water (B1502)

*Shelf Life:* 24 months  
*Storage Temp:* -20°C  
*Specification Version:* PS-E3031S v1.0  
*Effective Date:* 19 Nov 2019

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

**Functional Testing (One-Step RT qPCR)** - The Luna<sup>®</sup> Cell Ready Probe One-Step RT-qPCR Kit is functionally tested in One-Step RT-qPCR. The lysate is prepared from approximately 100,000 HeLa cells and is further diluted prior to RT-qPCR, resulting in a standard curve with a calculated qPCR efficiency of 90-110% over a dynamic range of 5 orders of magnitude.

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



Date 19 Nov 2019

Derek Robinson  
Director of Quality Control

