

New England Biolabs Product Specification

Product Name: Luna[®] Cell Ready One-Step RT-qPCR Kit
Catalog #: E3030S
Kit Components: Luna[®] Cell Ready Lysis Buffer (B8036)
Luna[®] Cell Ready RNA Protection Reagent (M0469)
Luna[®] Cell Ready Protease (M0473)
Luna[®] Cell Ready Stop Solution (B8037)
DNase I (RNase free) (M0474)
Luna[®] WarmStart[®] RT Enzyme Mix (M3002)
Luna[®] Universal One-Step Reaction Mix (M3005)
Nuclease-free Water (B1502)

Shelf Life: 24 months
Storage Temp: -20°C
Specification Version: PS-E3030S v1.0
Effective Date: 19 Nov 2019

Assay Name/Specification (minimum release criteria)

Functional Testing (One-Step RT qPCR) - The Luna[®] Cell Ready 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[®] Cell Ready One-Step RT-qPCR Kit and meet the designated specifications.



Date 19 Nov 2019

Derek Robinson
Director of Quality Control

