New England Biolabs
Certificate of Analysis

Product Name:	*Luna® Cell Ready One-Step RT-qPCR Kit*
Catalog Number:	*E3030S*
Packaging Lot Number:	*10171008*
Expiration Date:	*09/2024*
Storage Temperature:	*-20°C*
Specification Version:	*PS-E3030S v1.0*

Luna® Cell Ready One-Step RT-qPCR Kit Component List

NEB Part Number	Component Description	Lot Number	Individual QC Result
M3005SVIAL	Luna® Universal One-Step Reaction Mix	10164133	**Pass**
M3002LVIAL	Luna® WarmStart® RT Enzyme Mix	10160914	**Pass**
M0474AVIAL	DNaseI (RNase-free)	10164431	**Pass**
M0473AVIAL	Luna® Cell Ready Protease	10164430	**Pass**
M0469AVIAL	Luna® Cell Ready RNA Protection Reagent	10164429	**Pass**
B8037AVIAL	Luna® Cell Ready Stop Solution	10164124	**Pass**
B8036AVIAL	Luna Cell Ready Lysis Buffer	10164123	**Pass**
B1502AVIAL	Nuclease-free Water	10164121	**Pass**

Assay Name/Specification	Lot # 10171008
* 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.	**Pass**
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.	**Pass**

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 for additional information.

nqa. ISO 9001 Registered Quality Management | nqa. ISO 13485 Registered Medical Devices | nqa. ISO 14001 Registered Environmental Management

_____

Trinh Nguyen
Production Scientist
03 Oct 2022

_____

Michael Tonello
Packaging Quality Control Inspector
06 Dec 2022