

New England Biolabs Certificate of Analysis

Product Name: LunaScript[®] RT Master Mix (Primer-free) Kit
 Catalog Number: E3025L
 Packaging Lot Number: 10164963
 Expiration Date: 08/2024
 Storage Temperature: -20°C
 Specification Version: PS-E3025S/L v1.0

| LunaScript [®] RT Master Mix (Primer-free) Kit Component List | | | |
|--|---|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| M3026LVIAL | No-RT Control Mix (Primer-free) | 10164418 | Pass |
| M3025LVIAL | LunaScript [®] RT Master Mix (Primer-free) | 10158876 | Pass |
| B1502AVIAL | Nuclease-free Water | 10154305 | Pass |

| Assay Name/Specification | Lot # 10164963 |
|--|----------------|
| <p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in LunaScript[®] RT Master Mix Kit (Primer-free) and meet the designated specifications.</p> | Pass |
| <p>Functional Testing (RT-PCR, Length) The performance of LunaScript[®] RT Master Mix Kit (Primer-free) is tested in a 20 µl RT reaction with 1 µg human total RNA. The length of the product is verified by amplification using 1 µl of the RT reaction and 36 cycles of PCR amplification resulting in the expected 9.3 kb product. The target is not amplified from the no-RT control reactions.</p> | Pass |
| <p>Functional Testing (Two-Step RT-qPCR) The LunaScript[®] RT Master Mix Kit (Primer-free) is functionally tested in two-step RT-qPCR with human RNA template and Random Primer Mix, resulting in a standard curve with a calculated qPCR efficiency of 90-110%, and a dynamic range of 7 orders of magnitude.</p> | 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.



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12 Sep 2022



Michael Tonello
Packaging Quality Control Inspector
12 Oct 2022