

New England Biolabs Certificate of Analysis

Product Name: LunaScript® RT Master Mix (Primer-free) Kit
 Catalog Number: E3025L
 Packaging Lot Number: 10171061
 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	10164121	Pass

Assay Name/Specification	Lot # 10171061
<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 (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
<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

This product has been tested and shown to be in compliance with all specifications.

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Trinh Nguyen
Production Scientist
12 Sep 2022



Michael Tonello
Packaging Quality Control Inspector
28 Nov 2022