

New England Biolabs Certificate of Analysis

Product Name: LunaScript® RT Master Mix (Primer-free) Kit
Catalog Number: E3025S
Packaging Lot Number: 10253436
Expiration Date: 08/2026
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
M3026SVIAL	No-RT Control Mix (Primer-free)	10253442	Pass
M3025SVIAL	LunaScript® RT Master Mix (Primer-free)	10253441	Pass
B1502AVIAL	Nuclease-free Water	10245817	Pass

Assay Name/Specification	Lot # 10253436
<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.



Trinh Nguyen
Production Scientist
12 Sep 2024



Josh Hersey
Packaging Quality Control Inspector
13 Sep 2024