

New England Biolabs Certificate of Analysis

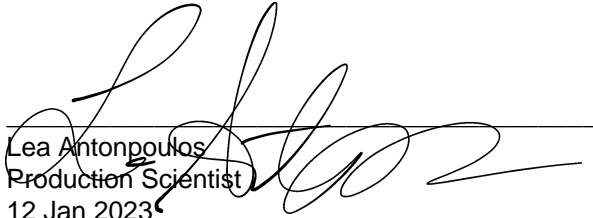
Product Name: LunaScript® RT Master Mix (Primer-free) Kit
Catalog Number: E3025S
Packaging Lot Number: 10180124
Expiration Date: 08/2024
Storage Temperature: -20°C
Specification Version: PS-E3025S/L v1.0

LunaScript® RT Master Mix (Primer-free) Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
M3026SVIAL	No-RT Control Mix (Primer-free)	10176921	Pass
M3025SVIAL	LunaScript® RT Master Mix (Primer-free)	10176914	Pass
B1502AVIAL	Nuclease-free Water	10154305	Pass

Assay Name/Specification	Lot # 10180124
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.	Pass
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.	Pass
* 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.	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.


Lea Antonopoulos
Production Scientist
12 Jan 2023


Michael Tonello
Packaging Quality Control Inspector
22 Feb 2023