

## New England Biolabs Certificate of Analysis

**Product Name:** LunaScript® RT Master Mix (Primer-free) Kit  
**Catalog Number:** E3025S  
**Packaging Lot Number:** 10270892  
**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 # 10270892
<p><b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in LunaScript® RT Master Mix Kit (Primer-free) and meet the designated specifications.</p>	<b>Pass</b>
<p><b>Functional Testing (RT-PCR, Length)</b> 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>	<b>Pass</b>
<p><b>Functional Testing (Two-Step RT-qPCR)</b> 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>	<b>Pass</b>

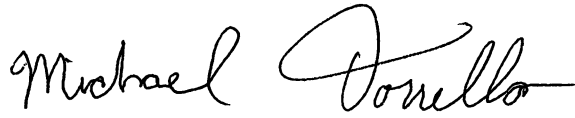
This product has been tested and shown to be in compliance with all specifications.

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12 Sep 2024



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Michael Tonello  
Packaging Quality Control Inspector  
23 Jan 2025