

New England Biolabs Certificate of Analysis

Product Name: OneTaq[®] One-Step RT-PCR Kit
 Catalog Number: E5315S
 Packaging Lot Number: 10159702
 Expiration Date: 06/2023
 Storage Temperature: -20°C
 Specification Version: PS-E5315S v1.0

OneTaq [®] One-Step RT-PCR Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
M1205AVIAL	Quick Load [®] OneTaq [®] One-Step Reaction Mix	10147754	Pass
M1204AVIAL	OneTaq [®] One-Step Reaction Mix	10147751	Pass
M1203AVIAL	OneTaq [®] One-Step Enzyme Mix	10147750	Pass
B1502AVIAL	Nuclease-free Water	10151182	Pass

Assay Name/Specification	Lot # 10159702
<p>Functional Testing (RT-PCR, Sensitivity) A 50 µl reaction in OneTaq[®] One-Step Reaction Mix or Quick-Load[®] OneTaq[®] One-Step Reaction Mix containing 10 pg of total RNA, 1X OneTaq[®] One-Step Enzyme Mix, and 0.4 µM primers for 40 cycles of PCR amplification results in the expected 566 bp product.</p>	Pass
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in OneTaq[®] One-Step RT-PCR Kit and meet the designated specifications.</p>	Pass
<p>Functional Testing (RT-PCR, Length) A 50 µl reaction in OneTaq[®] One-Step Reaction Mix or Quick-Load[®] OneTaq[®] One-Step Reaction Mix containing 100 ng of total RNA, 1X OneTaq[®] One-Step Enzyme Mix, and 0.4 µM primers for 40 cycles of PCR amplification results in the expected 9.3 kb product.</p>	Pass
<p>Functional Testing (RT-PCR, Multiplexing) A 50 µl reaction in OneTaq[®] One-Step Reaction Mix or Quick-Load[®] OneTaq[®] One-Step Reaction Mix containing 10 ng of total RNA, 1X OneTaq[®] One-Step Enzyme Mix, and 0.1 µM primers for 40 cycles of PCR amplification results in the expected three products.</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.

Christie Vazquez

Christie Vazquez
Production Scientist
18 Aug 2022

Michael Tonello

Michael Tonello
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18 Aug 2022