

New England Biolabs Certificate of Analysis

Product Name: OneTaq[®] One-Step RT-PCR Kit
Catalog Number: E5315S
Packaging Lot Number: 10104371
Expiration Date: 02/2022
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	10099148	Pass
M1204AVIAL	OneTaq [®] One-Step Reaction Mix	10099147	Pass
M1203AVIAL	OneTaq [®] One-Step Enzyme Mix	10099146	Pass
B1502AVIAL	Nuclease-free Water	10104354	Pass

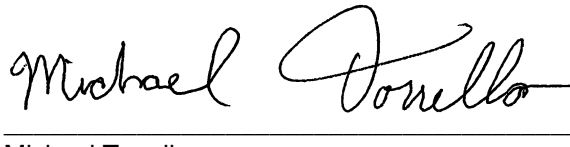
Assay Name/Specification	Lot # 10104371
Functional Testing (RT-PCR, Length) A 50 µl reaction in OneTaq [®] One-Step Reaction Mix or Quick-Load [®] OneTaq [®] One-Step Reaction Mix containing 100 ng of total RNA, 1X OneTaq [®] One-Step Enzyme Mix, and 0.4 µM primers for 40 cycles of PCR amplification results in the expected 9.3 kb product.	Pass
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.	Pass
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.	Pass
* 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.	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
Production Scientist
27 Apr 2021



Michael Tonello
Packaging Quality Control Inspector
27 Apr 2021