

New England Biolabs Certificate of Analysis

Product Name: OneTaq® One-Step RT-PCR Kit
Catalog Number: E5315S
Packaging Lot Number: 10114930
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	10114945	Pass

Assay Name/Specification	Lot # 10114930
<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, 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>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
<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

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



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Christie Vazquez
Production Scientist
23 Jul 2021



Josh Hersey
Packaging Quality Control Inspector
23 Jul 2021