

New England Biolabs Certificate of Analysis

Product Name: OneTaq® One-Step RT-PCR Kit
 Catalog Number: E5315S
 Lot Number: 10007546
 Expiration Date: 05/2019
 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	0081805	Pass
M1204AVIAL	OneTaq® One-Step Reaction Mix	0081805	Pass
M1203AVIAL	OneTaq® One-Step Enzyme Mix	0191805	Pass
B1502AVIAL	Nuclease-free Water	0051711	Pass


Assay Name/Specification	Lot # 10007546
<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
<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

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





Lynne Apone
Production Scientist
14 May 2018



Michael Tonello
Packaging Quality Control Inspector
14 May 2018