

New England Biolabs Certificate of Analysis

Product Name: *OneTaq[®] One-Step RT-PCR Kit*
 Catalog Number: *E5315S*
 Packaging Lot Number: *10089155*
 Expiration Date: *11/2021*
 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	10089006	Pass
M1204AVIAL	OneTaq [®] One-Step Reaction Mix	10089005	Pass
M1203AVIAL	OneTaq [®] One-Step Enzyme Mix	10089007	Pass
B1502AVIAL	Nuclease-free Water	10083034	Pass

Assay Name/Specification	Lot # 10089155
<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.



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
22 Dec 2020

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
22 Dec 2020