

New England Biolabs Certificate of Analysis

Product Name: *OneTaq[®] One-Step RT-PCR Kit*
 Catalog Number: *E5315S*
 Lot Number: *10042618*
 Expiration Date: *04/2020*
 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	10041938	Pass
M1204AVIAL	OneTaq [®] One-Step Reaction Mix	10041937	Pass
M1203AVIAL	OneTaq [®] One-Step Enzyme Mix	10041936	Pass
B1502AVIAL	Nuclease-free Water	10032079	Pass

Assay Name/Specification	Lot # 10042618
<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, 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>* 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.



Christie Vazquez

Christie Vazquez
Production Scientist
01 May 2019

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
30 May 2019