

New England Biolabs Certificate of Analysis

Product Name: OneTaq[®] One-Step RT-PCR Kit
Catalog #: E5315S
Kit Components: OneTaq[®] One-Step Enzyme Mix (M1203)
 OneTaq[®] One-Step Reaction Mix (M1204)
 Quick-Load[®] OneTaq[®] One-Step Reaction Mix (M1205)
 Nuclease-free Water (B1502)

Lot #: 0161801
Assay Date: 01/2018
Expiration Date: 01/2019
Storage Temp: -20°C
Specification Version: PS-E5315S v1.0
Effective Date: 30 Apr 2018

Assay Name/Specification (minimum release criteria)	Lot #0161801
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



Authorized by
Derek Robinson
30 Apr 2018



Inspected by
Lynne Apone
29 Jan 2018

