

New England Biolabs Certificate of Analysis

Product Name: NEBNext[®] Multiplex Oligos for Illumina[®] (Unique Dual Index UMI Adaptors RNA Set 1)
Catalog Number: E7416L
Packaging Lot Number: 10197531
Expiration Date: 08/2024
Storage Temperature: -20°C
Specification Version: PS-E7416S/L v1.0

| NEBNext [®] Multiplex Oligos for Illumina [®] (Unique Dual Index UMI Adaptors RNA Set 1) Component List | | | |
|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| E7417AVIAL | NEBNext [®] UMI RNA Adaptor Plate | 10197532 | Pass |
| E7398AAVIAL | NEBNext [®] UMI Adaptor Dilution Buffer | 10197534 | Pass |
| E7397AAVIAL | NEBNext [®] Primer Mix | 10197533 | Pass |

| Assay Name/Specification | Lot # 10197531 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| <p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext[®] Multiplex Oligos for Illumina[®] (Unique Dual Index UMI Adaptors RNA Set 1) and meet the designated specifications.</p> | Pass |
| <p>Functional Testing (RNA Library Construction, Oligo) Each of the components are functionally validated through construction of libraries made from commercially available Total RNA. Libraries are made from each unique barcoded oligonucleotide and are sequenced together on the same Illumina[®] flow cell and compared across various metrics including including library yield, 5'-3' transcript coverage, and fraction of reads mapping to a reference.</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.

Christine Sumner

Christine Sumner
Production Scientist
22 Sep 2023

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
22 Sep 2023