

New England Biolabs Product Specification

Product Name: NEBNext[®] Multiplex Oligos for Illumina[®] (Unique Dual Index UMI Adaptors RNA Set 1)
Catalog #: E7416S/L
Kit Components: NEBNext[®] UMI RNA Adaptor Plate (E7417)
NEBNext[®] Primer Mix (E7397)
NEBNext[®] UMI Adaptor Dilution Buffer (E7398)
Shelf Life: 12 months
Storage Temp: -20°C
Specification Version: PS-E7416S/L v1.0
Effective Date: 22 Jun 2020

Assay Name/Specification (minimum release criteria)

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.

* **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.

"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."



Date 22 Jun 2020

Derek Robinson
Director of Quality Control

