

New England Biolabs Product Specification

Product Name: NEBNext[®] Multiplex Oligos for Illumina[®] (Unique Dual Index UMI Adaptors DNA Set 4)
Catalog #: E7878S/L
Kit Components: NEBNext[®] UMI DNA Adaptor Plate Set 4 (E7879)
NEBNext[®] Primer Mix (E7397)
NEBNext[®] UMI Adaptor Dilution Buffer (E7398)
Shelf Life: 24 months
Storage Temp: -20°C
Specification Version: PS-E7878S/L v1.0
Effective Date: 07 Mar 2023

Assay Name/Specification (minimum release criteria)

Functional Testing (Library Construction, Oligo) - Each of the components are functionally validated through construction of libraries made from commercially available genomic DNA. Libraries are made from each unique barcoded oligonucleotide and are sequenced together on the same Illumina[®] flow cell and compared across various metrics including library yield, fraction of reads aligning to the reference, GC bias, and insert size.

* **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 DNA Set 4) 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 07 Mar 2023

Lauren Brown
Quality Approver

