

New England Biolabs Product Specification

Product Name: NEBNext[®] Multiplex Oligos for Illumina[®] (Index Primers Set 2)
Catalog #: E7500S/L
Kit Components: NEBNext[®] Adaptor for Illumina[®] (E7337)
USER[®] Enzyme (E7338)
NEBNext[®] Universal PCR Primer for Illumina[®] (E6861)
NEBNext[®] Index 13 Primer for Illumina[®] (E6862)
NEBNext[®] Index 14 Primer for Illumina[®] (E6863)
NEBNext[®] Index 15 Primer for Illumina[®] (E6864)
NEBNext[®] Index 16 Primer for Illumina[®] (E7511)
NEBNext[®] Index 18 Primer for Illumina[®] (E6866)
NEBNext[®] Index 19 Primer for Illumina[®] (E6867)
NEBNext[®] Index 20 Primer for Illumina[®] (E6868)
NEBNext[®] Index 21 Primer for Illumina[®] (E6869)
NEBNext[®] Index 22 Primer for Illumina[®] (E6870)
NEBNext[®] Index 23 Primer for Illumina[®] (E6871)
NEBNext[®] Index 25 Primer for Illumina[®] (E6872)
NEBNext[®] Index 27 Primer for Illumina[®] (E6873)

Shelf Life: 24 months
Storage Temp: -20°C
Specification Version: PS-E7500S/L v1.0
Effective Date: 22 Jun 2018

Assay Name/Specification (minimum release criteria)

Functional Testing (Library Construction, Oligo) - Each set of reagents is 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[®] (Index Primers Set 2) and meet the designated specifications.



Date 22 Jun 2018

Derek Robinson
Director of Quality Control

