Product Name: NEBNext Multiplex Oligos for Illumina (96 Unique Dual Index Primer Pairs)
Catalog Number: E6440S
Packaging Lot Number: 10098768
Expiration Date: 10/2022
Storage Temperature: -20°C
Specification Version: PS-E6440S/L v1.0

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**Assay Name/Specification**

**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® (96 Unique Dual Index Primer Pairs) and meet the designated specifications.

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](http://www.neb.com/trademarks) for additional information.
Christine Sumner  
Production Scientist  
02 Feb 2021

____________________________________________________________________________

Michael Tonello  
Packaging Quality Control Inspector  
02 Feb 2021