

## New England Biolabs Product Specification

*Product Name:* NEBNext<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (96 Index Primers)  
*Catalog #:* E6609S/L  
*Kit Components:* USER<sup>®</sup> Enzyme (E6610)  
NEBNext<sup>®</sup> Index/Universal Primer Mix (1-96) (E6611)  
NEBNext<sup>®</sup> Adaptor for Illumina<sup>®</sup> (E6612)  
*Shelf Life:* 24 months  
*Storage Temp:* -20°C  
*Specification Version:* PS-E6609S/L v1.0  
*Effective Date:* 15 Nov 2017

### 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<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (96 Index Primers) and meet the designated specifications.

\* The BSA in this product has been granted an EDQM "Certificate of Suitability" from the European Directorate for the Quality of Medicines (# R1-CEP-2003-204-Rev00) and has been granted a USDA Certificate for Export of Bovine Blood Plasma/Serum for Manufacture into Pharmaceutical Products.



Date 15 Nov 2017

Derek Robinson  
Director of Quality Control

