

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Multiplex Oligos for Illumina® (Index Primers Set 3)
 Catalog Number: E7710L
 Lot Number: 10045158
 Expiration Date: 03/2021
 Storage Temperature: -20°C
 Specification Version: PS-E7710S/L v1.0

| NEBNext® Multiplex Oligos for Illumina® (Index Primers Set 3) Component List | | | |
|--|---|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| E7736AAVIAL | NEBNext® Index 42 Primer for Illumina® | 10037799 | Pass |
| E7722AAVIAL | NEBNext® Index 36 Primer for Illumina® | 10037794 | Pass |
| E7721AAVIAL | NEBNext® Index 35 Primer for Illumina® | 10037793 | Pass |
| E7720AAVIAL | NEBNext® Index 34 Primer for Illumina® | 10037792 | Pass |
| E7719AAVIAL | NEBNext® Index 33 Primer for Illumina® | 10037791 | Pass |
| E7718AAVIAL | NEBNext® Index 32 Primer for Illumina® | 10037790 | Pass |
| E7717AAVIAL | NEBNext® Index 31 Primer for Illumina® | 10037789 | Pass |
| E7715AAVIAL | NEBNext® Index 29 Primer for Illumina® | 10037788 | Pass |
| E7714AAVIAL | NEBNext® Index 28 Primer for Illumina® | 10037787 | Pass |
| E7713AAVIAL | NEBNext® Index 26 Primer for Illumina® | 10037786 | Pass |
| E7592AAVIAL | NEBNext® Index 24 Primer for Illumina® | 10037800 | Pass |
| E7585AAVIAL | NEBNext® Index 17 Primer for Illumina® | 10037801 | Pass |
| E7338AAVIAL | USER® Enzyme | 10037798 | Pass |
| E7337AAVIAL | NEBNext® Adaptor for Illumina® | 10037796 | Pass |
| E6861AAVIAL | NEBNext® Universal PCR Primer for Illumina® | 10037795 | Pass |

| Assay Name/Specification | Lot # 10045158 |
|--|----------------|
| 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. | Pass |
| * Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® Multiplex Oligos for Illumina® (Index Primers Set 3) and meet the designated | Pass |

| Assay Name/Specification | Lot # 10045158 |
|--------------------------|----------------|
| specifications. | |

This product has been tested and shown to be in compliance with all specifications.



Christine Sumner
Production Scientist
14 May 2019



Michael Tonello
Packaging Quality Control Inspector
14 May 2019