

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Multiplex Oligos for Illumina® (Index Primers Set 3)
Catalog Number: E7710L
Packaging Lot Number: 10258088
Expiration Date: 10/2026
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® | 10258132 | Pass |
| E7722AAVIAL | NEBNext® Index 36 Primer for Illumina® | 10258128 | Pass |
| E7721AAVIAL | NEBNext® Index 35 Primer for Illumina® | 10258124 | Pass |
| E7720AAVIAL | NEBNext® Index 34 Primer for Illumina® | 10258121 | Pass |
| E7719AAVIAL | NEBNext® Index 33 Primer for Illumina® | 10258118 | Pass |
| E7718AAVIAL | NEBNext® Index 32 Primer for Illumina® | 10258115 | Pass |
| E7717AAVIAL | NEBNext® Index 31 Primer for Illumina® | 10258113 | Pass |
| E7715AAVIAL | NEBNext® Index 29 Primer for Illumina® | 10258109 | Pass |
| E7714AAVIAL | NEBNext® Index 28 Primer for Illumina® | 10258106 | Pass |
| E7713AAVIAL | NEBNext® Index 26 Primer for Illumina® | 10258103 | Pass |
| E7592AAVIAL | NEBNext® Index 24 Primer for Illumina® | 10258100 | Pass |
| E7585AAVIAL | NEBNext® Index 17 Primer for Illumina® | 10258097 | Pass |
| E7338AAVIAL | USER® Enzyme | 10258093 | Pass |
| E7337AAVIAL | NEBNext® Adaptor for Illumina® | 10258091 | Pass |
| E6861AAVIAL | NEBNext® Universal PCR Primer for Illumina® | 10258095 | Pass |

| Assay Name/Specification | Lot # 10258088 |
|---|----------------|
| <p>* 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 specifications.</p> | Pass |
| <p>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</p> | Pass |

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|--|----------------|
| aligning to the reference, GC bias, and insert size. | |

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 for additional information.



Christine Sumner
Production Scientist
04 Dec 2024



Michael Tonello
Packaging Quality Control Inspector
11 Dec 2024