

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Multiplex Oligos for Illumina® (Methylated Adaptor, Index Primers Set 1)
Catalog Number: E7535S
Lot Number: 10032636
Expiration Date: 12/2020
Storage Temperature: -20°C
Specification Version: PS-E7535S/L v1.0

| NEBNext® Multiplex Oligos for Illumina® (Methylated Adaptor, Index Primers Set 1) Component List | | | |
|--|---|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| E7536AVIAL | NEBNext® Methylated Adaptor for Illumina® | 10032637 | Pass |
| E7338AVIAL | USER® Enzyme | 10032638 | Pass |
| E7322AVIAL | NEBNext® Index 12 Primer for Illumina® | 10032650 | Pass |
| E7321AVIAL | NEBNext® Index 11 Primer for Illumina® | 10032649 | Pass |
| E7320AVIAL | NEBNext® Index 10 Primer for Illumina® | 10032648 | Pass |
| E7319AVIAL | NEBNext® Index 9 Primer for Illumina® | 10032647 | Pass |
| E7318AVIAL | NEBNext® Index 8 Primer for Illumina® | 10032646 | Pass |
| E7317AVIAL | NEBNext® Index 7 Primer for Illumina® | 10032645 | Pass |
| E7316AVIAL | NEBNext® Index 6 Primer for Illumina® | 10032644 | Pass |
| E7315AVIAL | NEBNext® Index 5 Primer for Illumina® | 10032643 | Pass |
| E7314AVIAL | NEBNext® Index 4 Primer for Illumina® | 10032642 | Pass |
| E7313AVIAL | NEBNext® Index 3 Primer for Illumina® | 10032641 | Pass |
| E7312AVIAL | NEBNext® Index 2 Primer for Illumina® | 10032640 | Pass |
| E7311AVIAL | NEBNext® Index 1 Primer for Illumina® | 10032639 | Pass |
| E6861AVIAL | NEBNext® Universal PCR Primer for Illumina® | 10032651 | Pass |

| Assay Name/Specification | Lot # 10032636 |
|--|----------------|
| <p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® Multiplex Oligos for Illumina® (Methylated Adaptor, Index Primers Set 1) and meet the designated specifications.</p> | Pass |
| <p>Functional Testing (Library Construction, Methylated Adaptor) Each of the components are functionally validated and compared to a previous lot through construction of libraries made from commercially available genomic DNA. Bisulfite converted libraries are made using the NEBNext® Methylated Adaptor</p> | Pass |

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|--|----------------|
| according to the kit's minimum and maximum input requirements. Libraries are sequenced together on the same Illumina® flow cell and compared across various metrics including library yield, fraction of reads aligning to the reference, and insert size. | |

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



Christine Sumner
Production Scientist
06 Jun 2019



Josh Hersey
Packaging Quality Control Inspector
06 Jun 2019