

New England Biolabs Certificate of Analysis

Product Name: *NEBNext® Multiplex Oligos for Illumina® (Methylated Adaptor, Index Primers Set 1)*
 Catalog Number: *E7535S*
 Packaging Lot Number: *10076887*
 Expiration Date: *09/2021*
 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® | 10055518 | Pass |
| E7338AVIAL | USER® Enzyme | 10052895 | Pass |
| E7322AVIAL | NEBNext® Index 12 Primer for Illumina® | 10052906 | Pass |
| E7321AVIAL | NEBNext® Index 11 Primer for Illumina® | 10052905 | Pass |
| E7320AVIAL | NEBNext® Index 10 Primer for Illumina® | 10052904 | Pass |
| E7319AVIAL | NEBNext® Index 9 Primer for Illumina® | 10052903 | Pass |
| E7318AVIAL | NEBNext® Index 8 Primer for Illumina® | 10052902 | Pass |
| E7317AVIAL | NEBNext® Index 7 Primer for Illumina® | 10052901 | Pass |
| E7316AVIAL | NEBNext® Index 6 Primer for Illumina® | 10052907 | Pass |
| E7315AVIAL | NEBNext® Index 5 Primer for Illumina® | 10052908 | Pass |
| E7314AVIAL | NEBNext® Index 4 Primer for Illumina® | 10052900 | Pass |
| E7313AVIAL | NEBNext® Index 3 Primer for Illumina® | 10052899 | Pass |
| E7312AVIAL | NEBNext® Index 2 Primer for Illumina® | 10052898 | Pass |
| E7311AVIAL | NEBNext® Index 1 Primer for Illumina® | 10052897 | Pass |
| E6861AVIAL | NEBNext® Universal PCR Primer for Illumina® | 10052896 | Pass |

| Assay Name/Specification | Lot # 10076887 |
|---|----------------|
| <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 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.</p> | Pass |

| Assay Name/Specification | Lot # 10076887 |
|---|--------------------|
| <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> | <p>Pass</p> |

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



Christine Sumner
Production Scientist
04 Jun 2020



Michael Tonello
Packaging Quality Control Inspector
04 Jun 2020