

New England Biolabs Certificate of Analysis

Product Name: *NEBNext[®] Multiplex Oligos for Illumina[®] (Index Primers Set 4)*
 Catalog Number: *E7730L*
 Packaging Lot Number: *10146155*
 Expiration Date: *02/2024*
 Storage Temperature: *-20°C*
 Specification Version: *PS-E7730S/L v1.0*

NEBNext [®] Multiplex Oligos for Illumina [®] (Index Primers Set 4) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7744AAVIAL	NEBNext [®] Index 40 Primer for Illumina [®]	10136576	Pass
E7742AAVIAL	NEBNext [®] Index 48 Primer for Illumina [®]	10136584	Pass
E7741AAVIAL	NEBNext [®] Index 47 Primer for Illumina [®]	10136583	Pass
E7740AAVIAL	NEBNext [®] Index 46 Primer for Illumina [®]	10136582	Pass
E7739AAVIAL	NEBNext [®] Index 45 Primer for Illumina [®]	10136581	Pass
E7738AAVIAL	NEBNext [®] Index 44 Primer for Illumina [®]	10136580	Pass
E7737AAVIAL	NEBNext [®] Index 43 Primer for Illumina [®]	10136578	Pass
E7735AAVIAL	NEBNext [®] Index 41 Primer for Illumina [®]	10136577	Pass
E7733AAVIAL	NEBNext [®] Index 39 Primer for Illumina [®]	10136575	Pass
E7732AAVIAL	NEBNext [®] Index 38 Primer for Illumina [®]	10136574	Pass
E7731AAVIAL	NEBNext [®] Index 37 Primer for Illumina [®]	10136573	Pass
E7716AAVIAL	NEBNext [®] Index 30 Primer for Illumina [®]	10136572	Pass
E7338AAVIAL	USER [®] Enzyme	10136569	Pass
E7337AAVIAL	NEBNext [®] Adaptor for Illumina [®]	10136570	Pass
E6861AAVIAL	NEBNext [®] Universal PCR Primer for Illumina [®]	10136571	Pass

Assay Name/Specification	Lot # 10146155
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext[®] Multiplex Oligos for Illumina[®] (Index Primers Set 4) and meet the designated specifications.</p> <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>	<p>Pass</p> <p>Pass</p>

Assay Name/Specification	Lot # 10146155
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
18 Mar 2022



Michael Tonello
Packaging Quality Control Inspector
18 Mar 2022