

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (Index Primers Set 3)  
**Catalog Number:** E7710S  
**Packaging Lot Number:** 10155607  
**Expiration Date:** 02/2024  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7710S/L v1.0

NEBNext <sup>®</sup> Multiplex Oligos for Illumina <sup>®</sup> (Index Primers Set 3) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7736AVIAL	NEBNext <sup>®</sup> Index 42 Primer for Illumina <sup>®</sup>	10136566	Pass
E7722AVIAL	NEBNext <sup>®</sup> Index 36 Primer for Illumina <sup>®</sup>	10136561	Pass
E7721AVIAL	NEBNext <sup>®</sup> Index 35 Primer for Illumina <sup>®</sup>	10136560	Pass
E7720AVIAL	NEBNext <sup>®</sup> Index 34 Primer for Illumina <sup>®</sup>	10136559	Pass
E7719AVIAL	NEBNext <sup>®</sup> Index 33 Primer for Illumina <sup>®</sup>	10136558	Pass
E7718AVIAL	NEBNext <sup>®</sup> Index 32 Primer for Illumina <sup>®</sup>	10136557	Pass
E7717AVIAL	NEBNext <sup>®</sup> Index 31 Primer for Illumina <sup>®</sup>	10136556	Pass
E7715AVIAL	NEBNext <sup>®</sup> Index 29 Primer for Illumina <sup>®</sup>	10136555	Pass
E7714AVIAL	NEBNext <sup>®</sup> Index 28 Primer for Illumina <sup>®</sup>	10136554	Pass
E7713AVIAL	NEBNext <sup>®</sup> Index 26 Primer for Illumina <sup>®</sup>	10136553	Pass
E7592AVIAL	NEBNext <sup>®</sup> Index 24 Primer for Illumina <sup>®</sup>	10136567	Pass
E7585AVIAL	NEBNext <sup>®</sup> Index 17 Primer for Illumina <sup>®</sup>	10136568	Pass
E7338AVIAL	USER <sup>®</sup> Enzyme	10136565	Pass
E7337AVIAL	NEBNext <sup>®</sup> Adaptor for Illumina <sup>®</sup>	10136564	Pass
E6861AVIAL	NEBNext <sup>®</sup> Universal PCR Primer for Illumina <sup>®</sup>	10136562	Pass

Assay Name/Specification	Lot # 10155607
<p><b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in NEBNext<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (Index Primers Set 3) and meet the designated specifications.</p>	Pass
<p><b>Functional Testing (Library Construction, Oligo)</b> 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

Assay Name/Specification	Lot # 10155607
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](http://www.neb.com/trademarks) for additional information.



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Christine Sumner  
Production Scientist  
17 Jun 2022



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Josh Hersey  
Packaging Quality Control Inspector  
17 Jun 2022