

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (Index Primers Set 3)  
**Catalog Number:** E7710L  
**Packaging Lot Number:** 10166214  
**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
E7736AAVIAL	NEBNext <sup>®</sup> Index 42 Primer for Illumina <sup>®</sup>	10136552	Pass
E7722AAVIAL	NEBNext <sup>®</sup> Index 36 Primer for Illumina <sup>®</sup>	10136551	Pass
E7721AAVIAL	NEBNext <sup>®</sup> Index 35 Primer for Illumina <sup>®</sup>	10136549	Pass
E7720AAVIAL	NEBNext <sup>®</sup> Index 34 Primer for Illumina <sup>®</sup>	10136548	Pass
E7719AAVIAL	NEBNext <sup>®</sup> Index 33 Primer for Illumina <sup>®</sup>	10136547	Pass
E7718AAVIAL	NEBNext <sup>®</sup> Index 32 Primer for Illumina <sup>®</sup>	10136546	Pass
E7717AAVIAL	NEBNext <sup>®</sup> Index 31 Primer for Illumina <sup>®</sup>	10136545	Pass
E7715AAVIAL	NEBNext <sup>®</sup> Index 29 Primer for Illumina <sup>®</sup>	10136544	Pass
E7714AAVIAL	NEBNext <sup>®</sup> Index 28 Primer for Illumina <sup>®</sup>	10136543	Pass
E7713AAVIAL	NEBNext <sup>®</sup> Index 26 Primer for Illumina <sup>®</sup>	10136542	Pass
E7592AAVIAL	NEBNext <sup>®</sup> Index 24 Primer for Illumina <sup>®</sup>	10136541	Pass
E7585AAVIAL	NEBNext <sup>®</sup> Index 17 Primer for Illumina <sup>®</sup>	10136540	Pass
E7338AAVIAL	USER <sup>®</sup> Enzyme	10136538	Pass
E7337AAVIAL	NEBNext <sup>®</sup> Adaptor for Illumina <sup>®</sup>	10136537	Pass
E6861AAVIAL	NEBNext <sup>®</sup> Universal PCR Primer for Illumina <sup>®</sup>	10136539	Pass

Assay Name/Specification	Lot # 10166214
<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 aligning to the reference, GC bias, and insert size.	Pass
<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	Pass

Assay Name/Specification	Lot # 10166214
specifications.	

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  
21 Sep 2022



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Michael Tonello  
Packaging Quality Control Inspector  
21 Sep 2022