

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (Index Primers Set 2)  
**Catalog Number:** E7500L  
**Packaging Lot Number:** 10136502  
**Expiration Date:** 03/2024  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7500S/L v1.0

NEBNext <sup>®</sup> Multiplex Oligos for Illumina <sup>®</sup> (Index Primers Set 2) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7511AAVIAL	NEBNext <sup>®</sup> Index 16 Primer for Illumina <sup>®</sup>	10136518	Pass
E7338AAVIAL	USER <sup>®</sup> Enzyme	10136504	Pass
E7337AAVIAL	NEBNext <sup>®</sup> Adaptor for Illumina <sup>®</sup>	10136503	Pass
E6873AAVIAL	NEBNext <sup>®</sup> Index 27 Primer for Illumina <sup>®</sup>	10136517	Pass
E6872AAVIAL	NEBNext <sup>®</sup> Index 25 Primer for Illumina <sup>®</sup>	10136516	Pass
E6871AAVIAL	NEBNext <sup>®</sup> Index 23 Primer for Illumina <sup>®</sup>	10136514	Pass
E6870AAVIAL	NEBNext <sup>®</sup> Index 22 Primer for Illumina <sup>®</sup>	10136513	Pass
E6869AAVIAL	NEBNext <sup>®</sup> Index 21 Primer for Illumina <sup>®</sup>	10136512	Pass
E6868AAVIAL	NEBNext <sup>®</sup> Index 20 Primer for Illumina <sup>®</sup>	10136511	Pass
E6867AAVIAL	NEBNext <sup>®</sup> Index 19 Primer for Illumina <sup>®</sup>	10136510	Pass
E6866AAVIAL	NEBNext <sup>®</sup> Index 18 Primer for Illumina <sup>®</sup>	10136509	Pass
E6864AAVIAL	NEBNext <sup>®</sup> Index 15 Primer for Illumina <sup>®</sup>	10136508	Pass
E6863AAVIAL	NEBNext <sup>®</sup> Index 14 Primer for Illumina <sup>®</sup>	10136507	Pass
E6862AAVIAL	NEBNext <sup>®</sup> Index 13 Primer for Illumina <sup>®</sup>	10136506	Pass
E6861AAVIAL	NEBNext <sup>®</sup> Universal PCR Primer for Illumina <sup>®</sup>	10136505	Pass

Assay Name/Specification	Lot # 10136502
<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 2) 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<sup>®</sup> flow cell and compared across various metrics including library yield, fraction of reads</p>	Pass

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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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Production Scientist  
22 Mar 2022



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Michael Tonello  
Packaging Quality Control Inspector  
19 Apr 2023