

## New England Biolabs Certificate of Analysis

Product Name: NEBNext<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (Index Primers Set 2)  
 Catalog Number: E7500S  
 Lot Number: 10035451  
 Expiration Date: 12/2020  
 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
E7511AVIAL	NEBNext <sup>®</sup> Index 16 Primer for Illumina <sup>®</sup>	10031101	Pass
E7338AVIAL	USER <sup>®</sup> Enzyme	10031088	Pass
E7337AVIAL	NEBNext <sup>®</sup> Adaptor for Illumina <sup>®</sup>	10031087	Pass
E6873AVIAL	NEBNext <sup>®</sup> Index 27 Primer for Illumina <sup>®</sup>	10031100	Pass
E6872AVIAL	NEBNext <sup>®</sup> Index 25 Primer for Illumina <sup>®</sup>	10031099	Pass
E6871AVIAL	NEBNext <sup>®</sup> Index 23 Primer for Illumina <sup>®</sup>	10031098	Pass
E6870AVIAL	NEBNext <sup>®</sup> Index 22 Primer for Illumina <sup>®</sup>	10031097	Pass
E6869AVIAL	NEBNext <sup>®</sup> Index 21 Primer for Illumina <sup>®</sup>	10031096	Pass
E6868AVIAL	NEBNext <sup>®</sup> Index 20 Primer for Illumina <sup>®</sup>	10031095	Pass
E6867AVIAL	NEBNext <sup>®</sup> Index 19 Primer for Illumina <sup>®</sup>	10031094	Pass
E6866AVIAL	NEBNext <sup>®</sup> Index 18 Primer for Illumina <sup>®</sup>	10031093	Pass
E6864AVIAL	NEBNext <sup>®</sup> Index 15 Primer for Illumina <sup>®</sup>	10031092	Pass
E6863AVIAL	NEBNext <sup>®</sup> Index 14 Primer for Illumina <sup>®</sup>	10031091	Pass
E6862AVIAL	NEBNext <sup>®</sup> Index 13 Primer for Illumina <sup>®</sup>	10031090	Pass
E6861AVIAL	NEBNext <sup>®</sup> Universal PCR Primer for Illumina <sup>®</sup>	10031089	Pass

Assay Name/Specification	Lot # 10035451
<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

Assay Name/Specification	Lot # 10035451
aligning to the reference, GC bias, and insert size.	

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



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Christine Sumner  
Production Scientist  
24 Jan 2019



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Michael Tonello  
Packaging Quality Control Inspector  
24 Jan 2019