

## New England Biolabs Certificate of Analysis

Product Name: NEBNext® Multiplex Oligos for Illumina® (Index Primers Set 2)  
 Catalog Number: E7500L  
 Lot Number: 10023896  
 Expiration Date: 12/2019  
 Storage Temperature: -20°C  
 Specification Version: PS-E7500S/L v1.0

NEBNext® Multiplex Oligos for Illumina® (Index Primers Set 2) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7511AAVIAL	NEBNext® Index 16 Primer for Illumina®	0011712	Pass
E7338AAVIAL	USER® Enzyme	0161712	Pass
E7337AAVIAL	NEBNext® Adaptor for Illumina®	0101712	Pass
E6873AAVIAL	NEBNext® Index 27 Primer for Illumina®	0031712	Pass
E6872AAVIAL	NEBNext® Index 25 Primer for Illumina®	0031712	Pass
E6871AAVIAL	NEBNext® Index 23 Primer for Illumina®	0031712	Pass
E6870AAVIAL	NEBNext® Index 22 Primer for Illumina®	0031712	Pass
E6869AAVIAL	NEBNext® Index 21 Primer for Illumina®	0031712	Pass
E6868AAVIAL	NEBNext® Index 20 Primer for Illumina®	0031712	Pass
E6867AAVIAL	NEBNext® Index 19 Primer for Illumina®	0031712	Pass
E6866AAVIAL	NEBNext® Index 18 Primer for Illumina®	0031712	Pass
E6864AAVIAL	NEBNext® Index 15 Primer for Illumina®	0031712	Pass
E6863AAVIAL	NEBNext® Index 14 Primer for Illumina®	0031712	Pass
E6862AAVIAL	NEBNext® Index 13 Primer for Illumina®	0031712	Pass
E6861AAVIAL	NEBNext® Universal PCR Primer for Illumina®	0071712	Pass

Assay Name/Specification	Lot # 10023896
<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® Multiplex Oligos for Illumina® (Index Primers Set 2) and meet the designated	Pass

Assay Name/Specification	Lot # 10023896
specifications.	

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



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Christine Sumner  
Production Scientist  
27 Sep 2018



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Michael Tonello  
Packaging Quality Control Inspector  
27 Sep 2018