

## New England Biolabs Certificate of Analysis

Product Name: NEBNext<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (Index Primers Set 3)  
 Catalog Number: E7710S  
 Lot Number: 10017803  
 Expiration Date: 05/2020  
 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>	0011805	Pass
E7722AVIAL	NEBNext <sup>®</sup> Index 36 Primer for Illumina <sup>®</sup>	0011805	Pass
E7721AVIAL	NEBNext <sup>®</sup> Index 35 Primer for Illumina <sup>®</sup>	0011805	Pass
E7720AVIAL	NEBNext <sup>®</sup> Index 34 Primer for Illumina <sup>®</sup>	0011805	Pass
E7719AVIAL	NEBNext <sup>®</sup> Index 33 Primer for Illumina <sup>®</sup>	0011805	Pass
E7718AVIAL	NEBNext <sup>®</sup> Index 32 Primer for Illumina <sup>®</sup>	0011805	Pass
E7717AVIAL	NEBNext <sup>®</sup> Index 31 Primer for Illumina <sup>®</sup>	0011805	Pass
E7715AVIAL	NEBNext <sup>®</sup> Index 29 Primer for Illumina <sup>®</sup>	0011805	Pass
E7714AVIAL	NEBNext <sup>®</sup> Index 28 Primer for Illumina <sup>®</sup>	0011805	Pass
E7713AVIAL	NEBNext <sup>®</sup> Index 26 Primer for Illumina <sup>®</sup>	0011805	Pass
E7592AVIAL	NEBNext <sup>®</sup> Index 24 Primer for Illumina <sup>®</sup>	0021805	Pass
E7585AVIAL	NEBNext <sup>®</sup> Index 17 Primer for Illumina <sup>®</sup>	0031805	Pass
E7338AVIAL	USER <sup>®</sup> Enzyme	0161805	Pass
E7337AVIAL	NEBNext <sup>®</sup> Adaptor for Illumina <sup>®</sup>	0101805	Pass
E6861AVIAL	NEBNext <sup>®</sup> Universal PCR Primer for Illumina <sup>®</sup>	0071805	Pass

Assay Name/Specification	Lot # 10017803
<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> <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>	<p>Pass</p> <p>Pass</p>

Assay Name/Specification	Lot # 10017803
aligning to the reference, GC bias, and insert size.	

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



---

Christine Sumner  
Production Scientist  
02 Aug 2018



---

Michael Tonello  
Packaging Quality Control Inspector  
02 Aug 2018