

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (Methylated Adaptor, Index Primers Set 1)  
**Catalog Number:** E7535L  
**Packaging Lot Number:** 10157976  
**Expiration Date:** 03/2024  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7535S/L v1.0

NEBNext <sup>®</sup> Multiplex Oligos for Illumina <sup>®</sup> (Methylated Adaptor, Index Primers Set 1) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7536AAVIAL	NEBNext <sup>®</sup> Methylated Adaptor for Illumina <sup>®</sup>	10150336	Pass
E7338AAVIAL	USER <sup>®</sup> Enzyme	10136472	Pass
E7322AAVIAL	NEBNext <sup>®</sup> Index 12 Primer for Illumina <sup>®</sup>	10136486	Pass
E7321AAVIAL	NEBNext <sup>®</sup> Index 11 Primer for Illumina <sup>®</sup>	10136485	Pass
E7320AAVIAL	NEBNext <sup>®</sup> Index 10 Primer for Illumina <sup>®</sup>	10136484	Pass
E7319AAVIAL	NEBNext <sup>®</sup> Index 9 Primer for Illumina <sup>®</sup>	10136482	Pass
E7318AAVIAL	NEBNext <sup>®</sup> Index 8 Primer for Illumina <sup>®</sup>	10136481	Pass
E7317AAVIAL	NEBNext <sup>®</sup> Index 7 Primer for Illumina <sup>®</sup>	10136480	Pass
E7316AAVIAL	NEBNext <sup>®</sup> Index 6 Primer for Illumina <sup>®</sup>	10136479	Pass
E7315AAVIAL	NEBNext <sup>®</sup> Index 5 Primer for Illumina <sup>®</sup>	10136478	Pass
E7314AAVIAL	NEBNext <sup>®</sup> Index 4 Primer for Illumina <sup>®</sup>	10136477	Pass
E7313AAVIAL	NEBNext <sup>®</sup> Index 3 Primer for Illumina <sup>®</sup>	10136476	Pass
E7312AAVIAL	NEBNext <sup>®</sup> Index 2 Primer for Illumina <sup>®</sup>	10136475	Pass
E7311AAVIAL	NEBNext <sup>®</sup> Index 1 Primer for Illumina <sup>®</sup>	10136474	Pass
E6861AAVIAL	NEBNext <sup>®</sup> Universal PCR Primer for Illumina <sup>®</sup>	10136473	Pass

Assay Name/Specification	Lot # 10157976
<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> (Methylated Adaptor, Index Primers Set 1) and meet the designated specifications.</p>	Pass
<p><b>Functional Testing (Library Construction, Methylated Adaptor)</b>            Each of the components are functionally validated and compared to a previous lot through construction of libraries made from commercially available genomic DNA. Bisulfite converted libraries are made using the NEBNext<sup>®</sup> Methylated Adaptor</p>	Pass

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according to the kit's minimum and maximum input requirements. Libraries are sequenced together on the same Illumina® flow cell and compared across various metrics including library yield, fraction of reads aligning to the reference, 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  
18 Jul 2022




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Michael Tonello  
Packaging Quality Control Inspector  
18 Jul 2022