

New England Biolabs Certificate of Analysis

Product Name: NEBNext[®] Multiplex Oligos for Enzymatic Methyl-seq (Unique Dual Index Primer Pairs)
Catalog Number: E7140S
Packaging Lot Number: 10190346
Expiration Date: 01/2025
Storage Temperature: -20°C
Specification Version: PS-E7140S v1.0

NEBNext [®] Multiplex Oligos for Enzymatic Methyl-seq (Unique Dual Index Primer Pairs) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7165AVIAL	NEBNext [®] EM-seq [™] Adaptor	10172347	Pass
E7164AVIAL	EM-seq [™] Index Primer 24	10172344	Pass
E7163AVIAL	EM-seq [™] Index Primer 23	10172341	Pass
E7162AVIAL	EM-seq [™] Index Primer 22	10172338	Pass
E7161AVIAL	EM-seq [™] Index Primer 21	10172336	Pass
E7160AVIAL	EM-seq [™] Index Primer 20	10172334	Pass
E7159AVIAL	EM-seq [™] Index Primer 19	10172331	Pass
E7158AVIAL	EM-seq [™] Index Primer 18	10172329	Pass
E7157AVIAL	EM-seq [™] Index Primer 17	10172327	Pass
E7156AVIAL	EM-seq [™] Index Primer 16	10172325	Pass
E7155AVIAL	EM-seq [™] Index Primer 15	10172323	Pass
E7154AVIAL	EM-seq [™] Index Primer 14	10172321	Pass
E7153AVIAL	EM-seq [™] Index Primer 13	10172319	Pass
E7152AVIAL	EM-seq [™] Index Primer 12	10172317	Pass
E7151AVIAL	EM-seq [™] Index Primer 11	10172316	Pass
E7150AVIAL	EM-seq [™] Index Primer 10	10172315	Pass
E7149AVIAL	EM-seq [™] Index Primer 9	10172314	Pass
E7148AVIAL	EM-seq [™] Index Primer 8	10172313	Pass
E7147AVIAL	EM-seq [™] Index Primer 7	10172311	Pass
E7146AVIAL	EM-seq [™] Index Primer 6	10172310	Pass
E7145AVIAL	EM-seq [™] Index Primer 5	10172309	Pass
E7144AVIAL	EM-seq [™] Index Primer 4	10172308	Pass
E7143AVIAL	EM-seq [™] Index Primer 3	10172307	Pass
E7142AVIAL	EM-seq [™] Index Primer 2	10172306	Pass
E7141AVIAL	EM-seq [™] Index Primer 1	10172305	Pass

Assay Name/Specification	Lot # 10190346
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext[®] Multiplex Oligos for Enzymatic Methyl-seq (Unique Dual Index Primer Pairs) and meet the designated specifications.</p>	Pass
<p>Functional Testing (Library Construction) Each set of reagents is functionally validated and compared to the previous lot through construction of libraries made from genomic DNA and DNA controls (CpG methylated pUC19 and unmethylated Lambda), that are required for assessment of 5mC and 5hmC. The kit's minimum and maximum DNA input requirements are used to make libraries that are sequenced on the same Illumina[®] flow cell. Library assessment is based on metrics including library yields, GC bias, insert size, and the percent 5mC/5hmC detected for CpG, CHG, CHH contexts within the genomic DNA and internal controls.</p>	Pass

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 for additional information.



Christine Sumner
Production Scientist
01 May 2023



Michael Tonello
Packaging Quality Control Inspector
01 May 2023