

New England Biolabs Certificate of Analysis

Product Name: NEBNext[®] Multiplex Oligos for Enzymatic Methyl-seq (Unique Dual Index Primer Pairs)
Catalog Number: E7140S
Lot Number: 10050921
Expiration Date: 03/2020
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	10039707	Pass
E7164AVIAL	EM-seq [™] Index Primer 24	10039706	Pass
E7163AVIAL	EM-seq [™] Index Primer 23	10039705	Pass
E7162AVIAL	EM-seq [™] Index Primer 22	10039704	Pass
E7161AVIAL	EM-seq [™] Index Primer 21	10039703	Pass
E7160AVIAL	EM-seq [™] Index Primer 20	10039702	Pass
E7159AVIAL	EM-seq [™] Index Primer 19	10039701	Pass
E7158AVIAL	EM-seq [™] Index Primer 18	10039700	Pass
E7157AVIAL	EM-seq [™] Index Primer 17	10039699	Pass
E7156AVIAL	EM-seq [™] Index Primer 16	10039698	Pass
E7155AVIAL	EM-seq [™] Index Primer 15	10039697	Pass
E7154AVIAL	EM-seq [™] Index Primer 14	10039696	Pass
E7153AVIAL	EM-seq [™] Index Primer 13	10039695	Pass
E7152AVIAL	EM-seq [™] Index Primer 12	10039694	Pass
E7151AVIAL	EM-seq [™] Index Primer 11	10039693	Pass
E7150AVIAL	EM-seq [™] Index Primer 10	10039692	Pass
E7149AVIAL	EM-seq [™] Index Primer 9	10039691	Pass
E7148AVIAL	EM-seq [™] Index Primer 8	10039690	Pass
E7147AVIAL	EM-seq [™] Index Primer 7	10039689	Pass
E7146AVIAL	EM-seq [™] Index Primer 6	10039688	Pass
E7145AVIAL	EM-seq [™] Index Primer 5	10039687	Pass
E7144AVIAL	EM-seq [™] Index Primer 4	10039686	Pass
E7143AVIAL	EM-seq [™] Index Primer 3	10039685	Pass
E7142AVIAL	EM-seq [™] Index Primer 2	10039684	Pass
E7141AVIAL	EM-seq [™] Index Primer 1	10039683	Pass

Assay Name/Specification	Lot # 10050921
<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.



Christine Sumner
Production Scientist
23 Jul 2019



Michael Tonello
Packaging Quality Control Inspector
23 Jul 2019