

New England Biolabs Certificate of Analysis

Product Name: NEBNext[®] Small RNA Library Prep Set for Illumina[®] (Multiplex Compatible)
Catalog Number: E7330S
Packaging Lot Number: 10108577
Expiration Date: 07/2022
Storage Temperature: -20°C
Specification Version: PS-E7330S/L v1.0

NEBNext [®] Small RNA Library Prep Set for Illumina [®] (Multiplex Compatible) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7355AVIAL	ProtoScript [®] II Reverse Transcriptase	10093706	Pass
E7334AVIAL	NEBNext [®] First Strand Synthesis Reaction Buffer	10093705	Pass
E7333AVIAL	NEBNext [®] SR RT Primer for Illumina [®]	10093702	Pass
E7332AVIAL	NEBNext [®] 3' SR Adaptor for Illumina [®]	10093700	Pass
E7329AVIAL	NEBNext [®] Index 1 Primer for Illumina [®]	10093699	Pass
E7328AVIAL	NEBNext [®] 5' SR Adaptor for Illumina [®]	10093704	Pass
E7327AVIAL	Nuclease-free Water	10093695	Pass
E7326AVIAL	TE Buffer	10093698	Pass
E7325AVIAL	Linear Acrylamide	10093694	Pass
E7324AVIAL	DNA Gel Elution Buffer	10093697	Pass
E7323AVIAL	Quick-Load [®] pBR322 DNA-MspI Digest	10093696	Pass
E7310AVIAL	NEBNext [®] SR Primer for Illumina [®]	10093703	Pass
E7309AVIAL	LongAmp [®] Taq 2X Master Mix	10093692	Pass
E7308AVIAL	Murine RNase Inhibitor	10093689	Pass
E7305AVIAL	NEBNext [®] 5' Ligation Enzyme Mix	10093691	Pass
E7304AVIAL	NEBNext [®] 5' Ligation Reaction Buffer	10093690	Pass
E7301AVIAL	NEBNext [®] 3' Ligation Reaction Buffer	10093688	Pass
E7288AVIAL	NEBNext [®] 3' Ligation Enzyme Mix	10093708	Pass
E6138AVIAL	Gel Loading Dye, Blue, 6X	10093693	Pass

Assay Name/Specification	Lot # 10108577
Functional Testing (Library Construction, Small RNA) Each of the components is functionally validated and compared to the previous lot through construction of libraries made from commercially available human brain RNA using the kit's minimum and maximum input requirements. Libraries made from previous	Pass

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<p>and current lots are sequenced on the same Illumina® flow cell and compared across various metrics including library yield and number of miRNAs identified.</p> <p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® Small RNA Library Prep Set for Illumina® (Multiplex Compatible) and meet the designated specifications.</p>	<p>Pass</p>

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
05 May 2021



Michael Tonello
Packaging Quality Control Inspector
05 May 2021