

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Small RNA Library Prep Set for Illumina® (Multiplex Compatible)
Catalog Number: E7330S
Packaging Lot Number: 10234761
Expiration Date: 08/2025
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	10224291	Pass
E7334AVIAL	NEBNext® First Strand Synthesis Reaction Buffer	10224290	Pass
E7333AVIAL	NEBNext® SR RT Primer for Illumina®	10224286	Pass
E7332AVIAL	NEBNext® 3' SR Adaptor for Illumina®	10224284	Pass
E7329AVIAL	NEBNext® Index 1 Primer for Illumina®	10224282	Pass
E7328AVIAL	NEBNext® 5' SR Adaptor for Illumina®	10224289	Pass
E7327AVIAL	Nuclease-free Water	10224274	Pass
E7326AVIAL	TE Buffer	10224280	Pass
E7325AVIAL	Linear Acrylamide	10224272	Pass
E7324AVIAL	DNA Gel Elution Buffer	10224278	Pass
E7323AVIAL	Quick-Load® pBR322 DNA-MspI Digest	10224276	Pass
E7310AVIAL	NEBNext® SR Primer for Illumina®	10224287	Pass
E7309AVIAL	LongAmp® Taq 2X Master Mix	10224268	Pass
E7308AVIAL	Murine RNase Inhibitor	10224262	Pass
E7305AVIAL	NEBNext® 5' Ligation Enzyme Mix	10224266	Pass
E7304AVIAL	NEBNext® 5' Ligation Reaction Buffer	10224264	Pass
E7301AVIAL	NEBNext® 3' Ligation Reaction Buffer	10224260	Pass
E7288AVIAL	NEBNext® 3' Ligation Enzyme Mix	10224292	Pass
E6138AVIAL	Gel Loading Dye, Blue, 6X	10224270	Pass

Assay Name/Specification	Lot # 10234761
* 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.	Pass

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<p>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 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>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
29 Feb 2024



Michael Tonello
Packaging Quality Control Inspector
29 Feb 2024