NEW ENGLAND BioLabs Inc.
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New England Biolabs
Certificate of Analysis

Product Name: *NEBNext® Small RNA Library Prep Set for Illumina® (Multiplex Compatible)*
Catalog Number: *E7330S*
Packaging Lot Number: *10172713*
Expiration Date: *07/2024*
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	10172767	**Pass**
E7334AVIAL	NEBNext® First Strand Synthesis Reaction Buffer	10172765	**Pass**
E7333AVIAL	NEBNext® SR RT Primer for Illumina®	10172759	**Pass**
E7332AVIAL	NEBNext® 3' SR Adaptor for Illumina®	10172758	**Pass**
E7329AVIAL	NEBNext® Index 1 Primer for Illumina®	10172756	**Pass**
E7328AVIAL	NEBNext® 5' SR Adaptor for Illumina®	10172763	**Pass**
E7327AVIAL	Nuclease-free Water	10172751	**Pass**
E7326AVIAL	TE Buffer	10172755	**Pass**
E7325AVIAL	Linear Acrylamide	10172749	**Pass**
E7324AVIAL	DNA Gel Elution Buffer	10172754	**Pass**
E7323AVIAL	Quick-Load® pBR322 DNA-MspI Digest	10172753	**Pass**
E7310AVIAL	NEBNext® SR Primer for Illumina®	10172761	**Pass**
E7309AVIAL	LongAmp® Taq 2X Master Mix	10172742	**Pass**
E7308AVIAL	Murine RNase Inhibitor	10172732	**Pass**
E7305AVIAL	NEBNext® 5' Ligation Enzyme Mix	10172738	**Pass**
E7304AVIAL	NEBNext® 5' Ligation Reaction Buffer	10172735	**Pass**
E7301AVIAL	NEBNext® 3' Ligation Reaction Buffer	10172729	**Pass**
E7288AVIAL	NEBNext® 3' Ligation Enzyme Mix	10172770	**Pass**
E6138AVIAL	Gel Loading Dye, Blue, 6X	10172745	**Pass**

Assay Name/Specification	Lot # 10172713
*** 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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Assay Name/Specification	Lot # 10172713
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.	**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
16 Feb 2023

Josh Hersey
Packaging Quality Control Inspector
21 Aug 2023