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: *E7330L*
Packaging Lot Number: *10172684*
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**
E7355AAVIAL	ProtoScript® II Reverse Transcriptase	10172750	**Pass**
E7334AAVIAL	NEBNext® First Strand Synthesis Reaction Buffer	10172747	**Pass**
E7333AAVIAL	NEBNext® SR RT Primer for Illumina®	10172737	**Pass**
E7332AAVIAL	NEBNext® 3' SR Adaptor for Illumina®	10172734	**Pass**
E7329AAVIAL	NEBNext® Index 1 Primer for Illumina®	10172731	**Pass**
E7328AVIAL	NEBNext® 5' SR Adaptor for Illumina®	10172743	**Pass**
E7327AAVIAL	Nuclease-free Water	10172719	**Pass**
E7326AAVIAL	TE Buffer	10172728	**Pass**
E7325AAVIAL	Linear Acrylamide	10172716	**Pass**
E7324AAVIAL	DNA Gel Elution Buffer	10172725	**Pass**
E7323AAVIAL	Quick-Load® pBR322 DNA-MspI Digest	10172722	**Pass**
E7310AAVIAL	NEBNext® SR Primer for Illumina®	10172740	**Pass**
E7309AAVIAL	LongAmp® Taq 2X Master Mix	10172709	**Pass**
E7308AAVIAL	Murine RNase Inhibitor	10172698	**Pass**
E7305AAVIAL	NEBNext® 5' Ligation Enzyme Mix	10172704	**Pass**
E7304AAVIAL	NEBNext® 5' Ligation Reaction Buffer	10172701	**Pass**
E7301AAVIAL	NEBNext® 3' Ligation Reaction Buffer	10172695	**Pass**
E7288AAVIAL	NEBNext® 3' Ligation Enzyme Mix	10172752	**Pass**
E6138AAVIAL	Gel Loading Dye, Blue, 6X	10172712	**Pass**

Assay Name/Specification	**Lot # 10172684**
*** 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 # 10172684
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

Michael Tonello
Packaging Quality Control Inspector
20 Jul 2023