

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext<sup>®</sup> Small RNA Library Prep Set for Illumina<sup>®</sup> (Multiplex Compatible)  
**Catalog Number:** E7330L  
**Packaging Lot Number:** 10208984  
**Expiration Date:** 01/2025  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7330S/L v1.0

NEBNext <sup>®</sup> Small RNA Library Prep Set for Illumina <sup>®</sup> (Multiplex Compatible) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7355AAVIAL	ProtoScript <sup>®</sup> II Reverse Transcriptase	10194006	Pass
E7334AAVIAL	NEBNext <sup>®</sup> First Strand Synthesis Reaction Buffer	10194001	Pass
E7333AAVIAL	NEBNext <sup>®</sup> SR RT Primer for Illumina <sup>®</sup>	10193986	Pass
E7332AAVIAL	NEBNext <sup>®</sup> 3' SR Adaptor for Illumina <sup>®</sup>	10193981	Pass
E7329AAVIAL	NEBNext <sup>®</sup> Index 1 Primer for Illumina <sup>®</sup>	10193976	Pass
E7328AAVIAL	NEBNext <sup>®</sup> 5' SR Adaptor for Illumina <sup>®</sup>	10193996	Pass
E7327AAVIAL	Nuclease-free Water	10193955	Pass
E7326AAVIAL	TE Buffer	10193971	Pass
E7325AAVIAL	Linear Acrylamide	10193952	Pass
E7324AAVIAL	DNA Gel Elution Buffer	10193966	Pass
E7323AAVIAL	Quick-Load <sup>®</sup> pBR322 DNA-MspI Digest	10193963	Pass
E7310AAVIAL	NEBNext <sup>®</sup> SR Primer for Illumina <sup>®</sup>	10193991	Pass
E7309AAVIAL	LongAmp <sup>®</sup> Taq 2X Master Mix	10193944	Pass
E7308AAVIAL	Murine RNase Inhibitor	10193932	Pass
E7305AAVIAL	NEBNext <sup>®</sup> 5' Ligation Enzyme Mix	10193940	Pass
E7304AAVIAL	NEBNext <sup>®</sup> 5' Ligation Reaction Buffer	10193935	Pass
E7301AAVIAL	NEBNext <sup>®</sup> 3' Ligation Reaction Buffer	10193927	Pass
E7288AAVIAL	NEBNext <sup>®</sup> 3' Ligation Enzyme Mix	10194011	Pass
E6138AAVIAL	Gel Loading Dye, Blue, 6X	10193948	Pass

Assay Name/Specification	Lot # 10208984
<p><b>* Individual Product Component Note</b>            Standard Quality Control Tests are performed for each component included in NEBNext<sup>®</sup> Small RNA Library Prep Set for Illumina<sup>®</sup> (Multiplex Compatible) and meet the designated specifications.</p>	Pass

Assay Name/Specification	Lot # 10208984
<p><b>Functional Testing (Library Construction, Small RNA)</b> 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><b>Pass</b></p>

This product has been tested and shown to be in compliance with all specifications.

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14 Sep 2023



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Packaging Quality Control Inspector  
14 Sep 2023