

## 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  
**Lot Number:** 10052687  
**Expiration Date:** 09/2020  
**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	10037720	Pass
E7334AAVIAL	NEBNext <sup>®</sup> First Strand Synthesis Reaction Buffer	10037719	Pass
E7333AAVIAL	NEBNext <sup>®</sup> SR RT Primer for Illumina <sup>®</sup>	10037716	Pass
E7332AAVIAL	NEBNext <sup>®</sup> 3' SR Adaptor for Illumina <sup>®</sup>	10037715	Pass
E7329AAVIAL	NEBNext <sup>®</sup> Index 1 Primer for Illumina <sup>®</sup>	10037714	Pass
E7328AAVIAL	NEBNext <sup>®</sup> 5' SR Adaptor for Illumina <sup>®</sup>	10037718	Pass
E7327AAVIAL	Nuclease Free Water	10037710	Pass
E7326AAVIAL	TE Buffer	10037713	Pass
E7325AAVIAL	Linear Acrylamide	10037709	Pass
E7324AAVIAL	DNA Gel Elution Buffer	10037712	Pass
E7323AAVIAL	Quick-Load <sup>®</sup> pBR322 DNA-MspI Digest	10037711	Pass
E7310AAVIAL	NEBNext <sup>®</sup> SR Primer for Illumina <sup>®</sup>	10037717	Pass
E7309AAVIAL	LongAmp <sup>®</sup> Taq 2X Master Mix	10037707	Pass
E7308AAVIAL	Murine RNase Inhibitor	10037704	Pass
E7305AAVIAL	NEBNext <sup>®</sup> 5' Ligation Enzyme Mix	10037706	Pass
E7304AAVIAL	NEBNext <sup>®</sup> 5' Ligation Reaction Buffer	10037705	Pass
E7301AAVIAL	NEBNext <sup>®</sup> 3' Ligation Reaction Buffer	10037703	Pass
E7288AAVIAL	NEBNext <sup>®</sup> 3' Ligation Enzyme Mix	10037721	Pass
E6138AAVIAL	Gel Loading Dye, Blue, 6X	10037708	Pass

Assay Name/Specification	Lot # 10052687
<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	Pass

Assay Name/Specification	Lot # 10052687
<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><b>* Individual Product Component Note</b> 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><b>Pass</b></p>

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




---

Christine Sumner  
Production Scientist  
09 Aug 2019




---

Michael Tonello  
Packaging Quality Control Inspector  
09 Aug 2019