

New England Biolabs Certificate of Analysis

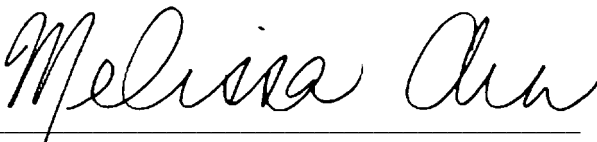
Product Name: NEBNext[®] Small RNA Library Prep Set for Illumina[®] (Multiplex Compatible)
Catalog Number: E7330L
Packaging Lot Number: 10053030
Expiration Date: 03/2021
Storage Temperature: -20°C
Specification Version: PS-E7330S/L v1.0

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	10053052	Pass
E7334AAVIAL	NEBNext [®] First Strand Synthesis Reaction Buffer	10053050	Pass
E7333AAVIAL	NEBNext [®] SR RT Primer for Illumina [®]	10053046	Pass
E7332AAVIAL	NEBNext [®] 3' SR Adaptor for Illumina [®]	10053045	Pass
E7329AAVIAL	NEBNext [®] Index 1 Primer for Illumina [®]	10053043	Pass
E7328AAVIAL	NEBNext [®] 5' SR Adaptor for Illumina [®]	10053048	Pass
E7327AAVIAL	Nuclease Free Water	10053039	Pass
E7326AAVIAL	TE Buffer	10053042	Pass
E7325AAVIAL	Linear Acrylamide	10053038	Pass
E7324AAVIAL	DNA Gel Elution Buffer	10053041	Pass
E7323AAVIAL	Quick-Load [®] pBR322 DNA-MspI Digest	10053040	Pass
E7310AAVIAL	NEBNext [®] SR Primer for Illumina [®]	10053047	Pass
E7309AAVIAL	LongAmp [®] Taq 2X Master Mix	10053036	Pass
E7308AAVIAL	Murine RNase Inhibitor	10053033	Pass
E7305AAVIAL	NEBNext [®] 5' Ligation Enzyme Mix	10053035	Pass
E7304AAVIAL	NEBNext [®] 5' Ligation Reaction Buffer	10053034	Pass
E7301AAVIAL	NEBNext [®] 3' Ligation Reaction Buffer	10053032	Pass
E7288AAVIAL	NEBNext [®] 3' Ligation Enzyme Mix	10053054	Pass
E6138AAVIAL	Gel Loading Dye, Blue, 6X	10053037	Pass

Assay Name/Specification	Lot # 10053030
<p>* 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.</p>	Pass

Assay Name/Specification	Lot # 10053030
<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.



Melissa Arn
Production Scientist
18 Nov 2019



Michael Tonello
Packaging Quality Control Inspector
06 Jan 2020