

New England Biolabs Certificate of Analysis

Product Name: NEBNext[®] Small RNA Library Prep Set for Illumina[®] (Multiplex Compatible)
Catalog Number: E7330L
Packaging Lot Number: 10066090
Expiration Date: 08/2021
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	10066116	Pass
E7334AAVIAL	NEBNext [®] First Strand Synthesis Reaction Buffer	10066115	Pass
E7333AAVIAL	NEBNext [®] SR RT Primer for Illumina [®]	10066112	Pass
E7332AAVIAL	NEBNext [®] 3' SR Adaptor for Illumina [®]	10066110	Pass
E7329AAVIAL	NEBNext [®] Index 1 Primer for Illumina [®]	10066109	Pass
E7328AAVIAL	NEBNext [®] 5' SR Adaptor for Illumina [®]	10066114	Pass
E7327AAVIAL	Nuclease-free Water	10066105	Pass
E7326AAVIAL	TE Buffer	10066108	Pass
E7325AAVIAL	Linear Acrylamide	10066104	Pass
E7324AAVIAL	DNA Gel Elution Buffer	10066107	Pass
E7323AAVIAL	Quick-Load [®] pBR322 DNA-MspI Digest	10066106	Pass
E7310AAVIAL	NEBNext [®] SR Primer for Illumina [®]	10066113	Pass
E7309AAVIAL	LongAmp [®] Taq 2X Master Mix	10066102	Pass
E7308AAVIAL	Murine RNase Inhibitor	10066098	Pass
E7305AAVIAL	NEBNext [®] 5' Ligation Enzyme Mix	10066101	Pass
E7304AAVIAL	NEBNext [®] 5' Ligation Reaction Buffer	10066100	Pass
E7301AAVIAL	NEBNext [®] 3' Ligation Reaction Buffer	10066096	Pass
E7288AAVIAL	NEBNext [®] 3' Ligation Enzyme Mix	10066118	Pass
E6138AAVIAL	Gel Loading Dye, Blue, 6X	10066103	Pass

Assay Name/Specification	Lot # 10066090
<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 # 10066090
<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.



Christine Sumner
Production Scientist
12 Apr 2020



Michael Tonello
Packaging Quality Control Inspector
01 Jul 2020