

New England Biolabs Certificate of Analysis

Product Name: NEBNext[®] Small RNA Library Prep Set for Illumina[®] (Multiplex Compatible)
Catalog Number: E7330L
Packaging Lot Number: 10182065
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
E7328AAVIAL	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 # 10182065
<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 # 10182065
<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.

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
24 Feb 2023



Josh Hersey
Packaging Quality Control Inspector
24 Feb 2023