

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Small RNA Library Prep Set for Illumina® (Multiplex Compatible)
Catalog Number: E7330L
Packaging Lot Number: 10089709
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	10066162	Pass
E7334AAVIAL	NEBNext® First Strand Synthesis Reaction Buffer	10066160	Pass
E7333AAVIAL	NEBNext® SR RT Primer for Illumina®	10066158	Pass
E7332AAVIAL	NEBNext® 3' SR Adaptor for Illumina®	10066155	Pass
E7329AAVIAL	NEBNext® Index 1 Primer for Illumina®	10089513	Pass
E7328AAVIAL	NEBNext® 5' SR Adaptor for Illumina®	10066153	Pass
E7327AAVIAL	Nuclease-free Water	10066151	Pass
E7326AAVIAL	TE Buffer	10066149	Pass
E7325AAVIAL	Linear Acrylamide	10066147	Pass
E7324AAVIAL	DNA Gel Elution Buffer	10066145	Pass
E7323AAVIAL	Quick-Load® pBR322 DNA-MspI Digest	10066245	Pass
E7310AAVIAL	NEBNext® SR Primer for Illumina®	10066143	Pass
E7309AAVIAL	LongAmp® Taq 2X Master Mix	10066141	Pass
E7308AAVIAL	Murine RNase Inhibitor	10066139	Pass
E7305AAVIAL	NEBNext® 5' Ligation Enzyme Mix	10066137	Pass
E7304AAVIAL	NEBNext® 5' Ligation Reaction Buffer	10066136	Pass
E7301AAVIAL	NEBNext® 3' Ligation Reaction Buffer	10066135	Pass
E7288AAVIAL	NEBNext® 3' Ligation Enzyme Mix	10066119	Pass
E6138AAVIAL	Gel Loading Dye, Blue, 6X	10066117	Pass

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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	Pass

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<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>* 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>	<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
02 Nov 2020



Michael Tonello
Packaging Quality Control Inspector
02 Nov 2020