

New England Biolabs Certificate of Analysis

Product Name: *NEBNext® Multiplex Small RNA Library Prep Set for Illumina® (Set 1)*
 Catalog Number: *E7300S*
 Packaging Lot Number: *10135703*
 Expiration Date: *03/2023*
 Storage Temperature: *-20°C*
 Specification Version: *PS-E7300S/L v1.0*

NEBNext® Multiplex Small RNA Library Prep Set for Illumina® (Set 1) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7355AVIAL	ProtoScript® II Reverse Transcriptase	10113315	Pass
E7334AVIAL	NEBNext® First Strand Synthesis Reaction Buffer	10113313	Pass
E7333AVIAL	NEBNext® SR RT Primer for Illumina®	10113307	Pass
E7332AVIAL	NEBNext® 3' SR Adaptor for Illumina®	10113305	Pass
E7328AVIAL	NEBNext® 5' SR Adaptor for Illumina®	10113311	Pass
E7327AVIAL	Nuclease-free Water	10113284	Pass
E7326AVIAL	TE Buffer	10113285	Pass
E7325AVIAL	Linear Acrylamide	10113283	Pass
E7324AVIAL	DNA Gel Elution Buffer	10113282	Pass
E7323AVIAL	Quick-Load® pBR322 DNA-MspI Digest	10113281	Pass
E7322AVIAL	NEBNext® Index 12 Primer for Illumina®	10113301	Pass
E7321AVIAL	NEBNext® Index 11 Primer for Illumina®	10113299	Pass
E7320AVIAL	NEBNext® Index 10 Primer for Illumina®	10113297	Pass
E7319AVIAL	NEBNext® Index 9 Primer for Illumina®	10113295	Pass
E7318AVIAL	NEBNext® Index 8 Primer for Illumina®	10113294	Pass
E7317AVIAL	NEBNext® Index 7 Primer for Illumina®	10113293	Pass
E7316AVIAL	NEBNext® Index 6 Primer for Illumina®	10113292	Pass
E7315AVIAL	NEBNext® Index 5 Primer for Illumina®	10113291	Pass
E7314AVIAL	NEBNext® Index 4 Primer for Illumina®	10113289	Pass
E7313AVIAL	NEBNext® Index 3 Primer for Illumina®	10113288	Pass
E7312AVIAL	NEBNext® Index 2 Primer for Illumina®	10113287	Pass
E7311AVIAL	NEBNext® Index 1 Primer for Illumina®	10113286	Pass
E7310AVIAL	NEBNext® SR Primer for Illumina®	10113309	Pass
E7309AVIAL	LongAmp® Taq 2X Master Mix	10113280	Pass
E7308AVIAL	Murine RNase Inhibitor	10113277	Pass
E7305AVIAL	NEBNext® 5' Ligation Enzyme Mix	10113279	Pass
E7304AVIAL	NEBNext® 5' Ligation Reaction Buffer	10113278	Pass

NEBNext [®] Multiplex Small RNA Library Prep Set for Illumina [®] (Set 1) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7301AVIAL	NEBNext [®] 3' Ligation Reaction Buffer	10113276	Pass
E7288AVIAL	NEBNext [®] 3' Ligation Enzyme Mix	10113317	Pass
E6138AVIAL	Gel Loading Dye, Blue, 6X	10113303	Pass

Assay Name/Specification	Lot # 10135703
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext[®] Multiplex Small RNA Library Prep Set for Illumina[®] (Set 1) and meet the designated specifications.</p>	Pass
<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>	Pass

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
13 Jan 2022



Michael Tonello
Packaging Quality Control Inspector
13 Jan 2022