

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: *10190701*
 Expiration Date: *07/2024*
 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	10172744	Pass
E7334AVIAL	NEBNext® First Strand Synthesis Reaction Buffer	10172741	Pass
E7333AVIAL	NEBNext® SR RT Primer for Illumina®	10172733	Pass
E7332AVIAL	NEBNext® 3' SR Adaptor for Illumina®	10172730	Pass
E7328AVIAL	NEBNext® 5' SR Adaptor for Illumina®	10172739	Pass
E7327AVIAL	Nuclease-free Water	10172689	Pass
E7326AVIAL	TE Buffer	10172691	Pass
E7325AVIAL	Linear Acrylamide	10172687	Pass
E7324AVIAL	DNA Gel Elution Buffer	10172685	Pass
E7323AVIAL	Quick-Load® pBR322 DNA-MspI Digest	10172682	Pass
E7322AVIAL	NEBNext® Index 12 Primer for Illumina®	10172726	Pass
E7321AVIAL	NEBNext® Index 11 Primer for Illumina®	10172724	Pass
E7320AVIAL	NEBNext® Index 10 Primer for Illumina®	10172721	Pass
E7319AVIAL	NEBNext® Index 9 Primer for Illumina®	10172717	Pass
E7318AVIAL	NEBNext® Index 8 Primer for Illumina®	10172714	Pass
E7317AVIAL	NEBNext® Index 7 Primer for Illumina®	10172711	Pass
E7316AVIAL	NEBNext® Index 6 Primer for Illumina®	10172708	Pass
E7315AVIAL	NEBNext® Index 5 Primer for Illumina®	10172706	Pass
E7314AVIAL	NEBNext® Index 4 Primer for Illumina®	10172703	Pass
E7313AVIAL	NEBNext® Index 3 Primer for Illumina®	10172699	Pass
E7312AVIAL	NEBNext® Index 2 Primer for Illumina®	10172696	Pass
E7311AVIAL	NEBNext® Index 1 Primer for Illumina®	10172693	Pass
E7310AVIAL	NEBNext® SR Primer for Illumina®	10172736	Pass
E7309AVIAL	LongAmp® Taq 2X Master Mix	10172680	Pass
E7308AVIAL	Murine RNase Inhibitor	10172674	Pass
E7305AVIAL	NEBNext® 5' Ligation Enzyme Mix	10172678	Pass
E7304AVIAL	NEBNext® 5' Ligation Reaction Buffer	10172676	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	10172672	Pass
E7288AVIAL	NEBNext [®] 3' Ligation Enzyme Mix	10172746	Pass
E6138AVIAL	Gel Loading Dye, Blue, 6X	10172727	Pass

Assay Name/Specification	Lot # 10190701
<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
23 May 2023



Michael Tonello
Packaging Quality Control Inspector
23 May 2023