

New England Biolabs Certificate of Analysis

Product Name: *NEBNext® Multiplex Small RNA Library Prep Set for Illumina® (Set 1)*
 Catalog Number: *E7300L*
 Packaging Lot Number: *10052980*
 Expiration Date: *03/2021*
 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
E7355AAVIAL	ProtoScript® II Reverse Transcriptase	10053022	Pass
E7334AAVIAL	NEBNext® First Strand Synthesis Reaction Buffer	10053020	Pass
E7333AAVIAL	NEBNext® SR RT Primer for Illumina®	10053014	Pass
E7332AAVIAL	NEBNext® 3' SR Adaptor for Illumina®	10053012	Pass
E7328AAVIAL	NEBNext® 5' SR Adaptor for Illumina®	10053018	Pass
E7327AAVIAL	Nuclease Free Water	10052989	Pass
E7326AAVIAL	TE Buffer	10052990	Pass
E7325AAVIAL	Linear Acrylamide	10052988	Pass
E7324AAVIAL	DNA Gel Elution Buffer	10052987	Pass
E7323AAVIAL	Quick-Load® pBR322 DNA-MspI Digest	10052986	Pass
E7322AAVIAL	NEBNext® Index 12 Primer for Illumina®	10053008	Pass
E7321AAVIAL	NEBNext® Index 11 Primer for Illumina®	10053006	Pass
E7320AAVIAL	NEBNext® Index 10 Primer for Illumina®	10053004	Pass
E7319AAVIAL	NEBNext® Index 9 Primer for Illumina®	10053002	Pass
E7318AAVIAL	NEBNext® Index 8 Primer for Illumina®	10053000	Pass
E7317AAVIAL	NEBNext® Index 7 Primer for Illumina®	10052998	Pass
E7316AAVIAL	NEBNext® Index 6 Primer for Illumina®	10052997	Pass
E7315AAVIAL	NEBNext® Index 5 Primer for Illumina®	10052996	Pass
E7314AAVIAL	NEBNext® Index 4 Primer for Illumina®	10052995	Pass
E7313AAVIAL	NEBNext® Index 3 Primer for Illumina®	10052994	Pass
E7312AAVIAL	NEBNext® Index 2 Primer for Illumina®	10052992	Pass
E7311AAVIAL	NEBNext® Index 1 Primer for Illumina®	10052991	Pass
E7310AAVIAL	NEBNext® SR Primer for Illumina®	10053016	Pass
E7309AAVIAL	LongAmp® Taq 2X Master Mix	10052985	Pass
E7308AAVIAL	Murine RNase Inhibitor	10052982	Pass
E7305AAVIAL	NEBNext® 5' Ligation Enzyme Mix	10052984	Pass
E7304AAVIAL	NEBNext® 5' Ligation Reaction Buffer	10052983	Pass

NEBNext [®] Multiplex Small RNA Library Prep Set for Illumina [®] (Set 1) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7301AAVIAL	NEBNext [®] 3' Ligation Reaction Buffer	10052981	Pass
E7288AAVIAL	NEBNext [®] 3' Ligation Enzyme Mix	10053024	Pass
E6138AAVIAL	Gel Loading Dye, Blue, 6X	10053010	Pass

Assay Name/Specification	Lot # 10052980
<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
<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

This product has been tested and shown to be in compliance with all specifications.



Christine Sumner
Production Scientist
11 Dec 2019



Michael Tonello
Packaging Quality Control Inspector
11 Dec 2019