

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: *10073771*
 Expiration Date: *08/2021*
 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	10066082	Pass
E7334AAVIAL	NEBNext® First Strand Synthesis Reaction Buffer	10066080	Pass
E7333AAVIAL	NEBNext® SR RT Primer for Illumina®	10066074	Pass
E7332AAVIAL	NEBNext® 3' SR Adaptor for Illumina®	10066072	Pass
E7328AAVIAL	NEBNext® 5' SR Adaptor for Illumina®	10066078	Pass
E7327AAVIAL	Nuclease-free Water	10066052	Pass
E7326AAVIAL	TE Buffer	10066054	Pass
E7325AAVIAL	Linear Acrylamide	10066050	Pass
E7324AAVIAL	DNA Gel Elution Buffer	10066048	Pass
E7323AAVIAL	Quick-Load® pBR322 DNA-MspI Digest	10066046	Pass
E7322AAVIAL	NEBNext® Index 12 Primer for Illumina®	10066069	Pass
E7321AAVIAL	NEBNext® Index 11 Primer for Illumina®	10066068	Pass
E7320AAVIAL	NEBNext® Index 10 Primer for Illumina®	10066067	Pass
E7319AAVIAL	NEBNext® Index 9 Primer for Illumina®	10066066	Pass
E7318AAVIAL	NEBNext® Index 8 Primer for Illumina®	10066065	Pass
E7317AAVIAL	NEBNext® Index 7 Primer for Illumina®	10066064	Pass
E7316AAVIAL	NEBNext® Index 6 Primer for Illumina®	10066062	Pass
E7315AAVIAL	NEBNext® Index 5 Primer for Illumina®	10066061	Pass
E7314AAVIAL	NEBNext® Index 4 Primer for Illumina®	10066060	Pass
E7313AAVIAL	NEBNext® Index 3 Primer for Illumina®	10066059	Pass
E7312AAVIAL	NEBNext® Index 2 Primer for Illumina®	10066058	Pass
E7311AAVIAL	NEBNext® Index 1 Primer for Illumina®	10066056	Pass
E7310AAVIAL	NEBNext® SR Primer for Illumina®	10066076	Pass
E7309AAVIAL	LongAmp® Taq 2X Master Mix	10066044	Pass
E7308AAVIAL	Murine RNase Inhibitor	10066038	Pass
E7305AAVIAL	NEBNext® 5' Ligation Enzyme Mix	10066042	Pass
E7304AAVIAL	NEBNext® 5' Ligation Reaction Buffer	10066040	Pass

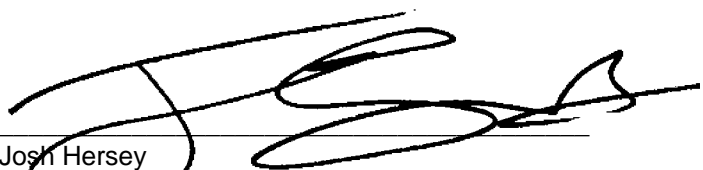
NEBNext [®] Multiplex Small RNA Library Prep Set for Illumina [®] (Set 1) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7301AAVIAL	NEBNext [®] 3' Ligation Reaction Buffer	10066036	Pass
E7288AAVIAL	NEBNext [®] 3' Ligation Enzyme Mix	10066242	Pass
E6138AAVIAL	Gel Loading Dye, Blue, 6X	10066070	Pass

Assay Name/Specification	Lot # 10073771
<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
13 Apr 2020



Josh Hersey
Packaging Quality Control Inspector
13 Apr 2020