

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: *10113290*
 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
E7355AAVIAL	ProtoScript® II Reverse Transcriptase	10113344	Pass
E7334AAVIAL	NEBNext® First Strand Synthesis Reaction Buffer	10113342	Pass
E7333AAVIAL	NEBNext® SR RT Primer for Illumina®	10113336	Pass
E7332AAVIAL	NEBNext® 3' SR Adaptor for Illumina®	10113333	Pass
E7328AAVIAL	NEBNext® 5' SR Adaptor for Illumina®	10113340	Pass
E7327AAVIAL	Nuclease-free Water	10113312	Pass
E7326AAVIAL	TE Buffer	10113314	Pass
E7325AAVIAL	Linear Acrylamide	10113310	Pass
E7324AAVIAL	DNA Gel Elution Buffer	10113308	Pass
E7323AAVIAL	Quick-Load® pBR322 DNA-MspI Digest	10113306	Pass
E7322AAVIAL	NEBNext® Index 12 Primer for Illumina®	10113329	Pass
E7321AAVIAL	NEBNext® Index 11 Primer for Illumina®	10113328	Pass
E7320AAVIAL	NEBNext® Index 10 Primer for Illumina®	10113327	Pass
E7319AAVIAL	NEBNext® Index 9 Primer for Illumina®	10113326	Pass
E7318AAVIAL	NEBNext® Index 8 Primer for Illumina®	10113325	Pass
E7317AAVIAL	NEBNext® Index 7 Primer for Illumina®	10113324	Pass
E7316AAVIAL	NEBNext® Index 6 Primer for Illumina®	10113323	Pass
E7315AAVIAL	NEBNext® Index 5 Primer for Illumina®	10113321	Pass
E7314AAVIAL	NEBNext® Index 4 Primer for Illumina®	10113320	Pass
E7313AAVIAL	NEBNext® Index 3 Primer for Illumina®	10113319	Pass
E7312AAVIAL	NEBNext® Index 2 Primer for Illumina®	10113318	Pass
E7311AAVIAL	NEBNext® Index 1 Primer for Illumina®	10113316	Pass
E7310AAVIAL	NEBNext® SR Primer for Illumina®	10113338	Pass
E7309AAVIAL	LongAmp® Taq 2X Master Mix	10113304	Pass
E7308AAVIAL	Murine RNase Inhibitor	10113298	Pass
E7305AAVIAL	NEBNext® 5' Ligation Enzyme Mix	10113302	Pass
E7304AAVIAL	NEBNext® 5' Ligation Reaction Buffer	10113300	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	10113296	Pass
E7288AAVIAL	NEBNext [®] 3' Ligation Enzyme Mix	10113346	Pass
E6138AAVIAL	Gel Loading Dye, Blue, 6X	10113331	Pass

Assay Name/Specification	Lot # 10113290
<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.

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
16 Sep 2021



Michael Tonello
Packaging Quality Control Inspector
29 Nov 2021