

## 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: *10093623*  
 Expiration Date: *07/2022*  
 Storage Temperature: *-20°C*  
 Specification Version: *PS-E7300S/L v1.0*

<b>NEBNext® Multiplex Small RNA Library Prep Set for Illumina® (Set 1) Component List</b>			
<b>NEB Part Number</b>	<b>Component Description</b>	<b>Lot Number</b>	<b>Individual QC Result</b>
E7355AVIAL	ProtoScript® II Reverse Transcriptase	10093653	Pass
E7334AVIAL	NEBNext® First Strand Synthesis Reaction Buffer	10093652	Pass
E7333AVIAL	NEBNext® SR RT Primer for Illumina®	10093648	Pass
E7332AVIAL	NEBNext® 3' SR Adaptor for Illumina®	10093647	Pass
E7328AVIAL	NEBNext® 5' SR Adaptor for Illumina®	10093651	Pass
E7327AVIAL	Nuclease-free Water	10093632	Pass
E7326AVIAL	TE Buffer	10093633	Pass
E7325AVIAL	Linear Acrylamide	10093631	Pass
E7324AVIAL	DNA Gel Elution Buffer	10093630	Pass
E7323AVIAL	Quick-Load® pBR322 DNA-MspI Digest	10093629	Pass
E7322AVIAL	NEBNext® Index 12 Primer for Illumina®	10093645	Pass
E7321AVIAL	NEBNext® Index 11 Primer for Illumina®	10093644	Pass
E7320AVIAL	NEBNext® Index 10 Primer for Illumina®	10093643	Pass
E7319AVIAL	NEBNext® Index 9 Primer for Illumina®	10093642	Pass
E7318AVIAL	NEBNext® Index 8 Primer for Illumina®	10093641	Pass
E7317AVIAL	NEBNext® Index 7 Primer for Illumina®	10093640	Pass
E7316AVIAL	NEBNext® Index 6 Primer for Illumina®	10093639	Pass
E7315AVIAL	NEBNext® Index 5 Primer for Illumina®	10093638	Pass
E7314AVIAL	NEBNext® Index 4 Primer for Illumina®	10093637	Pass
E7313AVIAL	NEBNext® Index 3 Primer for Illumina®	10093636	Pass
E7312AVIAL	NEBNext® Index 2 Primer for Illumina®	10093635	Pass
E7311AVIAL	NEBNext® Index 1 Primer for Illumina®	10093634	Pass
E7310AVIAL	NEBNext® SR Primer for Illumina®	10093649	Pass
E7309AVIAL	LongAmp® Taq 2X Master Mix	10093628	Pass
E7308AVIAL	Murine RNase Inhibitor	10093625	Pass
E7305AVIAL	NEBNext® 5' Ligation Enzyme Mix	10093627	Pass
E7304AVIAL	NEBNext® 5' Ligation Reaction Buffer	10093626	Pass

NEBNext <sup>®</sup> Multiplex Small RNA Library Prep Set for Illumina <sup>®</sup> (Set 1) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7301AVIAL	NEBNext <sup>®</sup> 3' Ligation Reaction Buffer	10093624	Pass
E7288AVIAL	NEBNext <sup>®</sup> 3' Ligation Enzyme Mix	10093654	Pass
E6138AVIAL	Gel Loading Dye, Blue, 6X	10093646	Pass

Assay Name/Specification	Lot # 10093623
<p><b>Functional Testing (Library Construction, Small RNA)</b> 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<sup>®</sup> flow cell and compared across various metrics including library yield and number of miRNAs identified.</p>	Pass
<p><b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in NEBNext<sup>®</sup> Multiplex Small RNA Library Prep Set for Illumina<sup>®</sup> (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](http://www.neb.com/trademarks) for additional information.



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29 Mar 2021



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