

New England Biolabs Certificate of Analysis

Product Name: *NEBNext[®] Multiplex Small RNA Library Prep Kit for Illumina[®] (Index Primers 1-48)*
 Catalog Number: *E7560S*
 Packaging Lot Number: *10122801*
 Expiration Date: *03/2023*
 Storage Temperature: *-20°C*
 Specification Version: *PS-E7560S v1.0*

NEBNext [®] Multiplex Small RNA Library Prep Kit for Illumina [®] (Index Primers 1-48) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7742AVIAL	NEBNext [®] Index 48 Primer for Illumina [®]	10113430	Pass
E7741AVIAL	NEBNext [®] Index 47 Primer for Illumina [®]	10113429	Pass
E7740AVIAL	NEBNext [®] Index 46 Primer for Illumina [®]	10113428	Pass
E7739AVIAL	NEBNext [®] Index 45 Primer for Illumina [®]	10113427	Pass
E7738AVIAL	NEBNext [®] Index 44 Primer for Illumina [®]	10113426	Pass
E7737AVIAL	NEBNext [®] Index 43 Primer for Illumina [®]	10113425	Pass
E7736AVIAL	NEBNext [®] Index 42 Primer for Illumina [®]	10113424	Pass
E7735AVIAL	NEBNext [®] Index 41 Primer for Illumina [®]	10113423	Pass
E7734AVIAL	NEBNext [®] Index 40 Primer for Illumina [®]	10113422	Pass
E7733AVIAL	NEBNext [®] Index 39 Primer for Illumina [®]	10113421	Pass
E7732AVIAL	NEBNext [®] Index 38 Primer for Illumina [®]	10113420	Pass
E7731AVIAL	NEBNext [®] Index 37 Primer for Illumina [®]	10113419	Pass
E7722AVIAL	NEBNext [®] Index 36 Primer for Illumina [®]	10113418	Pass
E7721AVIAL	NEBNext [®] Index 35 Primer for Illumina [®]	10113417	Pass
E7720AVIAL	NEBNext [®] Index 34 Primer for Illumina [®]	10113416	Pass
E7719AVIAL	NEBNext [®] Index 33 Primer for Illumina [®]	10113415	Pass
E7718AVIAL	NEBNext [®] Index 32 Primer for Illumina [®]	10113414	Pass
E7717AVIAL	NEBNext [®] Index 31 Primer for Illumina [®]	10113413	Pass
E7716AVIAL	NEBNext [®] Index 30 Primer for Illumina [®]	10113412	Pass
E7715AVIAL	NEBNext [®] Index 29 Primer for Illumina [®]	10113411	Pass
E7714AVIAL	NEBNext [®] Index 28 Primer for Illumina [®]	10113410	Pass
E7713AVIAL	NEBNext [®] Index 26 Primer for Illumina [®]	10113409	Pass
E7592AVIAL	NEBNext [®] Index 24 Primer for Illumina [®]	10113433	Pass
E7591AVIAL	NEBNext [®] Index 23 Primer for Illumina [®]	10113441	Pass
E7590AVIAL	NEBNext [®] Index 22 Primer for Illumina [®]	10113440	Pass
E7589AVIAL	NEBNext [®] Index 21 Primer for Illumina [®]	10113439	Pass

NEBNext[®] Multiplex Small RNA Library Prep Kit for Illumina[®] (Index Primers 1-48) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7588AVIAL	NEBNext [®] Index 20 Primer for Illumina [®]	10113438	Pass
E7587AVIAL	NEBNext [®] Index 19 Primer for Illumina [®]	10113437	Pass
E7586AVIAL	NEBNext [®] Index 18 Primer for Illumina [®]	10113442	Pass
E7585AVIAL	NEBNext [®] Index 17 Primer for Illumina [®]	10113432	Pass
E7584AVIAL	NEBNext [®] Index 16 Primer for Illumina [®]	10113431	Pass
E7583AVIAL	NEBNext [®] Index 15 Primer for Illumina [®]	10113436	Pass
E7582AVIAL	NEBNext [®] Index 14 Primer for Illumina [®]	10113435	Pass
E7581AVIAL	NEBNext [®] Index 13 Primer for Illumina [®]	10113434	Pass
E7562AVIAL	NEBNext [®] Index 27 Primer for Illumina [®]	10113393	Pass
E7561AVIAL	NEBNext [®] Index 25 Primer for Illumina [®]	10113392	Pass
E7355AAVIAL	ProtoScript [®] II Reverse Transcriptase	10113408	Pass
E7334AAVIAL	NEBNext [®] First Strand Synthesis Reaction Buffer	10113407	Pass
E7333AAVIAL	NEBNext [®] SR RT Primer for Illumina [®]	10113406	Pass
E7332AAVIAL	NEBNext [®] 3' SR Adaptor for Illumina [®]	10113405	Pass
E7328AVIAL	NEBNext [®] 5' SR Adaptor for Illumina [®]	10113404	Pass
E7327AAVIAL	Nuclease-free Water	10113403	Pass
E7326AAVIAL	TE Buffer	10113402	Pass
E7325AAVIAL	Linear Acrylamide	10113401	Pass
E7324AAVIAL	DNA Gel Elution Buffer	10113400	Pass
E7323AAVIAL	Quick-Load [®] pBR322 DNA-MspI Digest	10113443	Pass
E7322AVIAL	NEBNext [®] Index 12 Primer for Illumina [®]	10113390	Pass
E7321AVIAL	NEBNext [®] Index 11 Primer for Illumina [®]	10113389	Pass
E7320AVIAL	NEBNext [®] Index 10 Primer for Illumina [®]	10113388	Pass
E7319AVIAL	NEBNext [®] Index 9 Primer for Illumina [®]	10113387	Pass
E7318AVIAL	NEBNext [®] Index 8 Primer for Illumina [®]	10113386	Pass
E7317AVIAL	NEBNext [®] Index 7 Primer for Illumina [®]	10113385	Pass
E7316AVIAL	NEBNext [®] Index 6 Primer for Illumina [®]	10113391	Pass
E7315AVIAL	NEBNext [®] Index 5 Primer for Illumina [®]	10113384	Pass
E7314AVIAL	NEBNext [®] Index 4 Primer for Illumina [®]	10113383	Pass
E7313AVIAL	NEBNext [®] Index 3 Primer for Illumina [®]	10113382	Pass
E7312AVIAL	NEBNext [®] Index 2 Primer for Illumina [®]	10113381	Pass
E7311AVIAL	NEBNext [®] Index 1 Primer for Illumina [®]	10113380	Pass
E7310AAVIAL	NEBNext [®] SR Primer for Illumina [®]	10113399	Pass
E7309AAVIAL	LongAmp [®] Taq 2X Master Mix	10113398	Pass
E7308AAVIAL	Murine RNase Inhibitor	10113397	Pass
E7305AAVIAL	NEBNext [®] 5' Ligation Enzyme Mix	10113396	Pass

NEBNext® Multiplex Small RNA Library Prep Kit for Illumina® (Index Primers 1-48) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7304AAVIAL	NEBNext® 5' Ligation Reaction Buffer	10113395	Pass
E7301AAVIAL	NEBNext® 3' Ligation Reaction Buffer	10113394	Pass
E7288AAVIAL	NEBNext® 3' Ligation Enzyme Mix	10113379	Pass
E6138AAVIAL	Gel Loading Dye, Blue, 6X	10113377	Pass

Assay Name/Specification	Lot # 10122801
<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> <p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® Multiplex Small RNA Library Prep Kit for Illumina® (Index Primers 1-48) and meet the designated specifications.</p>	<p>Pass</p> <p>Pass</p>

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

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Christine Sumner
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17 Sep 2021



Michael Tonello
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17 Sep 2021