

New England Biolabs Certificate of Analysis

Product Name: *NEBNext® Multi Small RNA Lib Prep IL Set2*
 Catalog Number: *E7580S*
 Packaging Lot Number: *10083156*
 Expiration Date: *03/2021*
 Storage Temperature: *-20°C*
 Specification Version: *PS-E7580S/L v1.0*

NEBNext® Multi Small RNA Lib Prep IL Set2 Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7592AVIAL	NEBNext® Index 24 Primer for Illumina®	10053080	Pass
E7591AVIAL	NEBNext® Index 23 Primer for Illumina®	10053079	Pass
E7590AVIAL	NEBNext® Index 22 Primer for Illumina®	10053078	Pass
E7589AVIAL	NEBNext® Index 21 Primer for Illumina®	10053077	Pass
E7588AVIAL	NEBNext® Index 20 Primer for Illumina®	10053076	Pass
E7587AVIAL	NEBNext® Index 19 Primer for Illumina®	10053075	Pass
E7586AVIAL	NEBNext® Index 18 Primer for Illumina®	10053074	Pass
E7585AVIAL	NEBNext® Index 17 Primer for Illumina®	10053073	Pass
E7584AVIAL	NEBNext® Index 16 Primer for Illumina®	10053072	Pass
E7583AVIAL	NEBNext® Index 15 Primer for Illumina®	10053071	Pass
E7582AVIAL	NEBNext® Index 14 Primer for Illumina®	10053070	Pass
E7581AVIAL	NEBNext® Index 13 Primer for Illumina®	10053069	Pass
E7355AVIAL	ProtoScript® II Reverse Transcriptase	10053059	Pass
E7334AVIAL	NEBNext® First Strand Synthesis Reaction Buffer	10053058	Pass
E7333AVIAL	NEBNext® SR RT Primer for Illumina®	10053057	Pass
E7332AVIAL	NEBNext® 3' SR Adaptor for Illumina®	10053051	Pass
E7328AVIAL	NEBNext® 5' SR Adaptor for Illumina®	10053053	Pass
E7327AVIAL	Nuclease-free Water	10053068	Pass
E7326AVIAL	TE Buffer	10053067	Pass
E7325AVIAL	Linear Acrylamide	10053066	Pass
E7324AVIAL	DNA Gel Elution Buffer	10053065	Pass
E7323AVIAL	Quick-Load® pBR322 DNA-MspI Digest	10053064	Pass
E7310AVIAL	NEBNext® SR Primer for Illumina®	10053062	Pass
E7309AVIAL	LongAmp® Taq 2X Master Mix	10053061	Pass
E7308AVIAL	Murine RNase Inhibitor	10053060	Pass
E7305AVIAL	NEBNext® 5' Ligation Enzyme Mix	10053056	Pass
E7304AVIAL	NEBNext® 5' Ligation Reaction Buffer	10053055	Pass

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E7301AVIAL	NEBNext® 3' Ligation Reaction Buffer	10053049	Pass
E7288AVIAL	NEBNext® 3' Ligation Enzyme Mix	10053081	Pass
E6138AVIAL	Gel Loading Dye, Blue, 6X	10053063	Pass

Assay Name/Specification	Lot # 10083156
<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 2) and meet the designated specifications.</p>	Pass
<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

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
26 Aug 2020



Michael Tonello
Packaging Quality Control Inspector
26 Aug 2020