

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Multi Small RNA Lib Prep IL Set2
Catalog Number: E7580S
Packaging Lot Number: 10246433
Expiration Date: 01/2026
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®	10246508	Pass
E7591AVIAL	NEBNext® Index 23 Primer for Illumina®	10246506	Pass
E7590AVIAL	NEBNext® Index 22 Primer for Illumina®	10246504	Pass
E7589AVIAL	NEBNext® Index 21 Primer for Illumina®	10246502	Pass
E7588AVIAL	NEBNext® Index 20 Primer for Illumina®	10246500	Pass
E7587AVIAL	NEBNext® Index 19 Primer for Illumina®	10246498	Pass
E7586AVIAL	NEBNext® Index 18 Primer for Illumina®	10246496	Pass
E7585AVIAL	NEBNext® Index 17 Primer for Illumina®	10246494	Pass
E7584AVIAL	NEBNext® Index 16 Primer for Illumina®	10246492	Pass
E7583AVIAL	NEBNext® Index 15 Primer for Illumina®	10246490	Pass
E7582AVIAL	NEBNext® Index 14 Primer for Illumina®	10246488	Pass
E7581AVIAL	NEBNext® Index 13 Primer for Illumina®	10246486	Pass
E7355AVIAL	ProtoScript® II Reverse Transcriptase	10246458	Pass
E7334AVIAL	NEBNext® First Strand Synthesis Reaction Buffer	10246455	Pass
E7333AVIAL	NEBNext® SR RT Primer for Illumina®	10246452	Pass
E7332AVIAL	NEBNext® 3' SR Adaptor for Illumina®	10246440	Pass
E7328AVIAL	NEBNext® 5' SR Adaptor for Illumina®	10246443	Pass
E7327AVIAL	Nuclease-free Water	10246484	Pass
E7326AVIAL	TE Buffer	10246482	Pass
E7325AVIAL	Linear Acrylamide	10246480	Pass
E7324AVIAL	DNA Gel Elution Buffer	10246477	Pass
E7323AVIAL	Quick-Load® pBR322 DNA-MspI Digest	10246474	Pass
E7310AVIAL	NEBNext® SR Primer for Illumina®	10246467	Pass
E7309AVIAL	LongAmp® Taq 2X Master Mix	10246464	Pass
E7308AVIAL	Murine RNase Inhibitor	10246461	Pass
E7305AVIAL	NEBNext® 5' Ligation Enzyme Mix	10246449	Pass
E7304AVIAL	NEBNext® 5' Ligation Reaction Buffer	10246446	Pass

NEBNext® Multi Small RNA Lib Prep IL Set2 Component List			
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E7301AVIAL	NEBNext® 3' Ligation Reaction Buffer	10246437	Pass
E7288AVIAL	NEBNext® 3' Ligation Enzyme Mix	10246510	Pass
E6138AVIAL	Gel Loading Dye, Blue, 6X	10246471	Pass

Assay Name/Specification	Lot # 10246433
<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
05 Sep 2024



Josh Hersey
Packaging Quality Control Inspector
28 Oct 2024