

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext® Multi Small RNA Lib Prep IL Set2  
**Catalog Number:** E7580S  
**Packaging Lot Number:** 10224309  
**Expiration Date:** 08/2025  
**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®	10224414	Pass
E7591AVIAL	NEBNext® Index 23 Primer for Illumina®	10224412	Pass
E7590AVIAL	NEBNext® Index 22 Primer for Illumina®	10224410	Pass
E7589AVIAL	NEBNext® Index 21 Primer for Illumina®	10224407	Pass
E7588AVIAL	NEBNext® Index 20 Primer for Illumina®	10224405	Pass
E7587AVIAL	NEBNext® Index 19 Primer for Illumina®	10224403	Pass
E7586AVIAL	NEBNext® Index 18 Primer for Illumina®	10224401	Pass
E7585AVIAL	NEBNext® Index 17 Primer for Illumina®	10224399	Pass
E7584AVIAL	NEBNext® Index 16 Primer for Illumina®	10224395	Pass
E7583AVIAL	NEBNext® Index 15 Primer for Illumina®	10224391	Pass
E7582AVIAL	NEBNext® Index 14 Primer for Illumina®	10224387	Pass
E7581AVIAL	NEBNext® Index 13 Primer for Illumina®	10224383	Pass
E7355AVIAL	ProtoScript® II Reverse Transcriptase	10224343	Pass
E7334AVIAL	NEBNext® First Strand Synthesis Reaction Buffer	10224339	Pass
E7333AVIAL	NEBNext® SR RT Primer for Illumina®	10224336	Pass
E7332AVIAL	NEBNext® 3' SR Adaptor for Illumina®	10224322	Pass
E7328AVIAL	NEBNext® 5' SR Adaptor for Illumina®	10224326	Pass
E7327AVIAL	Nuclease-free Water	10224379	Pass
E7326AVIAL	TE Buffer	10224375	Pass
E7325AVIAL	Linear Acrylamide	10224371	Pass
E7324AVIAL	DNA Gel Elution Buffer	10224367	Pass
E7323AVIAL	Quick-Load® pBR322 DNA-MspI Digest	10224363	Pass
E7310AVIAL	NEBNext® SR Primer for Illumina®	10224355	Pass
E7309AVIAL	LongAmp® Taq 2X Master Mix	10224351	Pass
E7308AVIAL	Murine RNase Inhibitor	10224347	Pass
E7305AVIAL	NEBNext® 5' Ligation Enzyme Mix	10224333	Pass
E7304AVIAL	NEBNext® 5' Ligation Reaction Buffer	10224329	Pass

NEBNext® Multi Small RNA Lib Prep IL Set2 Component List			
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E7301AVIAL	NEBNext® 3' Ligation Reaction Buffer	10224319	Pass
E7288AVIAL	NEBNext® 3' Ligation Enzyme Mix	10224416	Pass
E6138AVIAL	Gel Loading Dye, Blue, 6X	10224359	Pass

Assay Name/Specification	Lot # 10224309
<p><b>* Individual Product Component Note</b> 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><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® 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.

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28 Feb 2024



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29 Feb 2024