

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Multiplex Small RNA Library Prep Set for Illumina® (Set 1)
Catalog Number: E7300L
Packaging Lot Number: 10259308
Expiration Date: 06/2026
Storage Temperature: -20°C
Specification Version: PS-E7300S/L v1.0

NEBNext® Multiplex Small RNA Library Prep Set for Illumina® (Set 1) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7355AAVIAL	ProtoScript® II Reverse Transcriptase	10259425	Pass
E7334AAVIAL	NEBNext® First Strand Synthesis Reaction Buffer	10259420	Pass
E7333AAVIAL	NEBNext® SR RT Primer for Illumina®	10259405	Pass
E7332AAVIAL	NEBNext® 3' SR Adaptor for Illumina®	10259399	Pass
E7328AAVIAL	NEBNext® 5' SR Adaptor for Illumina®	10259414	Pass
E7327AAVIAL	Nuclease-free Water	10259332	Pass
E7326AAVIAL	TE Buffer	10259336	Pass
E7325AAVIAL	Linear Acrylamide	10259329	Pass
E7324AAVIAL	DNA Gel Elution Buffer	10259325	Pass
E7323AAVIAL	Quick-Load® pBR322 DNA-MspI Digest	10259322	Pass
E7322AAVIAL	NEBNext® Index 12 Primer for Illumina®	10259389	Pass
E7321AAVIAL	NEBNext® Index 11 Primer for Illumina®	10259384	Pass
E7320AAVIAL	NEBNext® Index 10 Primer for Illumina®	10259379	Pass
E7319AAVIAL	NEBNext® Index 9 Primer for Illumina®	10259375	Pass
E7318AAVIAL	NEBNext® Index 8 Primer for Illumina®	10259371	Pass
E7317AAVIAL	NEBNext® Index 7 Primer for Illumina®	10259367	Pass
E7316AAVIAL	NEBNext® Index 6 Primer for Illumina®	10259362	Pass
E7315AAVIAL	NEBNext® Index 5 Primer for Illumina®	10259357	Pass
E7314AAVIAL	NEBNext® Index 4 Primer for Illumina®	10259353	Pass
E7313AAVIAL	NEBNext® Index 3 Primer for Illumina®	10259348	Pass
E7312AAVIAL	NEBNext® Index 2 Primer for Illumina®	10259344	Pass
E7311AAVIAL	NEBNext® Index 1 Primer for Illumina®	10259340	Pass
E7310AAVIAL	NEBNext® SR Primer for Illumina®	10259409	Pass
E7309AAVIAL	LongAmp® Taq 2X Master Mix	10259320	Pass
E7308AAVIAL	Murine RNase Inhibitor	10259312	Pass
E7305AAVIAL	NEBNext® 5' Ligation Enzyme Mix	10259317	Pass
E7304AAVIAL	NEBNext® 5' Ligation Reaction Buffer	10259314	Pass

NEBNext® Multiplex Small RNA Library Prep Set for Illumina® (Set 1) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7301AAVIAL	NEBNext® 3' Ligation Reaction Buffer	10259311	Pass
E7288AAVIAL	NEBNext® 3' Ligation Enzyme Mix	10259431	Pass
E6138AAVIAL	Gel Loading Dye, Blue, 6X	10259394	Pass

Assay Name/Specification	Lot # 10259308
<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 1) 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
28 Jan 2025



Michael Tonello
Packaging Quality Control Inspector
29 Jan 2025