

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: 10224170
Expiration Date: 08/2025
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	10224240	Pass
E7334AAVIAL	NEBNext® First Strand Synthesis Reaction Buffer	10224238	Pass
E7333AAVIAL	NEBNext® SR RT Primer for Illumina®	10224232	Pass
E7332AAVIAL	NEBNext® 3' SR Adaptor for Illumina®	10224230	Pass
E7328AAVIAL	NEBNext® 5' SR Adaptor for Illumina®	10224236	Pass
E7327AAVIAL	Nuclease-free Water	10224194	Pass
E7326AAVIAL	TE Buffer	10224197	Pass
E7325AAVIAL	Linear Acrylamide	10224191	Pass
E7324AAVIAL	DNA Gel Elution Buffer	10224188	Pass
E7323AAVIAL	Quick-Load® pBR322 DNA-MspI Digest	10224186	Pass
E7322AAVIAL	NEBNext® Index 12 Primer for Illumina®	10224226	Pass
E7321AAVIAL	NEBNext® Index 11 Primer for Illumina®	10224224	Pass
E7320AAVIAL	NEBNext® Index 10 Primer for Illumina®	10224222	Pass
E7319AAVIAL	NEBNext® Index 9 Primer for Illumina®	10224220	Pass
E7318AAVIAL	NEBNext® Index 8 Primer for Illumina®	10224218	Pass
E7317AAVIAL	NEBNext® Index 7 Primer for Illumina®	10224216	Pass
E7316AAVIAL	NEBNext® Index 6 Primer for Illumina®	10224214	Pass
E7315AAVIAL	NEBNext® Index 5 Primer for Illumina®	10224212	Pass
E7314AAVIAL	NEBNext® Index 4 Primer for Illumina®	10224209	Pass
E7313AAVIAL	NEBNext® Index 3 Primer for Illumina®	10224206	Pass
E7312AAVIAL	NEBNext® Index 2 Primer for Illumina®	10224203	Pass
E7311AAVIAL	NEBNext® Index 1 Primer for Illumina®	10224200	Pass
E7310AAVIAL	NEBNext® SR Primer for Illumina®	10224234	Pass
E7309AAVIAL	LongAmp® Taq 2X Master Mix	10224184	Pass
E7308AAVIAL	Murine RNase Inhibitor	10224177	Pass
E7305AAVIAL	NEBNext® 5' Ligation Enzyme Mix	10224182	Pass
E7304AAVIAL	NEBNext® 5' Ligation Reaction Buffer	10224179	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	10224175	Pass
E7288AAVIAL	NEBNext® 3' Ligation Enzyme Mix	10224242	Pass
E6138AAVIAL	Gel Loading Dye, Blue, 6X	10224228	Pass

Assay Name/Specification	Lot # 10224170
<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 Feb 2024



Michael Tonello
Packaging Quality Control Inspector
23 Apr 2024