

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Small RNA Library Prep Set for Illumina® (Multiplex Compatible)
Catalog Number: E7330L
Packaging Lot Number: 10093701
Expiration Date: 07/2022
Storage Temperature: -20°C
Specification Version: PS-E7330S/L v1.0

| NEBNext® Small RNA Library Prep Set for Illumina® (Multiplex Compatible) Component List | | | |
|---|---|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| E7355AAVIAL | ProtoScript® II Reverse Transcriptase | 10093725 | Pass |
| E7334AAVIAL | NEBNext® First Strand Synthesis Reaction Buffer | 10093724 | Pass |
| E7333AAVIAL | NEBNext® SR RT Primer for Illumina® | 10093721 | Pass |
| E7332AAVIAL | NEBNext® 3' SR Adaptor for Illumina® | 10093720 | Pass |
| E7329AAVIAL | NEBNext® Index 1 Primer for Illumina® | 10093719 | Pass |
| E7328AAVIAL | NEBNext® 5' SR Adaptor for Illumina® | 10093723 | Pass |
| E7327AAVIAL | Nuclease-free Water | 10093715 | Pass |
| E7326AAVIAL | TE Buffer | 10093718 | Pass |
| E7325AAVIAL | Linear Acrylamide | 10093714 | Pass |
| E7324AAVIAL | DNA Gel Elution Buffer | 10093717 | Pass |
| E7323AAVIAL | Quick-Load® pBR322 DNA-MspI Digest | 10093716 | Pass |
| E7310AAVIAL | NEBNext® SR Primer for Illumina® | 10093722 | Pass |
| E7309AAVIAL | LongAmp® Taq 2X Master Mix | 10093712 | Pass |
| E7308AAVIAL | Murine RNase Inhibitor | 10093709 | Pass |
| E7305AAVIAL | NEBNext® 5' Ligation Enzyme Mix | 10093711 | Pass |
| E7304AAVIAL | NEBNext® 5' Ligation Reaction Buffer | 10093710 | Pass |
| E7301AAVIAL | NEBNext® 3' Ligation Reaction Buffer | 10093707 | Pass |
| E7288AAVIAL | NEBNext® 3' Ligation Enzyme Mix | 10093726 | Pass |
| E6138AAVIAL | Gel Loading Dye, Blue, 6X | 10093713 | Pass |

| Assay Name/Specification | Lot # 10093701 |
|--|----------------|
| 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 | Pass |

| Assay Name/Specification | Lot # 10093701 |
|---|--------------------|
| <p>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> <p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® Small RNA Library Prep Set for Illumina® (Multiplex Compatible) and meet the designated specifications.</p> | <p>Pass</p> |

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
29 Mar 2021



Michael Tonello
Packaging Quality Control Inspector
29 Mar 2021