

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext® Multiplex Small RNA Library Prep Kit for Illumina® (Index Primers 1-48)  
**Catalog Number:** E7580L  
**Lot Number:** 10012794  
**Expiration Date:** 11/2019  
**Storage Temperature:** -20°C

| NEBNext® Multiplex Small RNA Library Prep Kit for Illumina® (Index Primers 1-48) Component List |   |            |                      |
|---|---|------------|----------------------|
| NEB Part Number   | Component Description                           | Lot Number | Individual QC Result |
| E7592AAVIAL   | NEBNext® Index 24 Primer for Illumina®          | 0021805    | Pass                 |
| E7591AAVIAL   | NEBNext® Index 23 Primer for Illumina®          | 0021805    | Pass                 |
| E7590AAVIAL   | NEBNext® Index 22 Primer for Illumina®          | 0021805    | Pass                 |
| E7589AAVIAL   | NEBNext® Index 21 Primer for Illumina®          | 0021805    | Pass                 |
| E7588AAVIAL   | NEBNext® Index 20 Primer for Illumina®          | 0021805    | Pass                 |
| E7587AAVIAL   | NEBNext® Index 19 Primer for Illumina®          | 0021805    | Pass                 |
| E7586AAVIAL   | NEBNext® Index 18 Primer for Illumina®          | 0021805    | Pass                 |
| E7585AAVIAL   | NEBNext® Index 17 Primer for Illumina®          | 0031805    | Pass                 |
| E7584AAVIAL   | NEBNext® Index 16 Primer for Illumina®          | 0031805    | Pass                 |
| E7583AAVIAL   | NEBNext® Index 15 Primer for Illumina®          | 0021805    | Pass                 |
| E7582AAVIAL   | NEBNext® Index 14 Primer for Illumina®          | 0021805    | Pass                 |
| E7581AAVIAL   | NEBNext® Index 13 Primer for Illumina®          | 0021805    | Pass                 |
| E7355AAVIAL   | ProtoScript® II Reverse Transcriptase           | 0041805    | Pass                 |
| E7334AAVIAL   | NEBNext® First Strand Synthesis Reaction Buffer | 0161805    | Pass                 |
| E7333AAVIAL   | NEBNext® SR RT Primer for Illumina®             | 0071805    | Pass                 |
| E7332AAVIAL   | NEBNext® 3' SR Adaptor for Illumina®            | 0081805    | Pass                 |
| E7328AAVIAL   | NEBNext® 5' SR Adaptor for Illumina®            | 0071805    | Pass                 |
| E7327AAVIAL   | Nuclease Free Water                             | 0011805    | Pass                 |
| E7326AAVIAL   | TE Buffer                                       | 0091805    | Pass                 |
| E7325AAVIAL   | Linear Acrylamide                               | 0041805    | Pass                 |
| E7324AAVIAL   | DNA Gel Elution Buffer                          | 0101805    | Pass                 |
| E7323AAVIAL   | Quick-Load® pBR322 DNA-MspI Digest              | 0101805    | Pass                 |
| E7310AAVIAL   | NEBNext® SR Primer for Illumina®                | 0081805    | Pass                 |
| E7309AAVIAL   | LongAmp® Taq 2X Master Mix                      | 0331805    | Pass                 |
| E7308AAVIAL   | Murine RNase Inhibitor                          | 0311805    | Pass                 |
| E7305AAVIAL   | NEBNext® 5' Ligation Enzyme Mix                 | 0121805    | Pass                 |
| E7304AAVIAL   | NEBNext® 5' Ligation Reaction Buffer            | 0071805    | Pass                 |

| <b>NEBNext® Multiplex Small RNA Library Prep Kit for Illumina® (Index Primers 1-48) Component List</b> |                                      |                   |                             |
|--|--------------------------------------|-------------------|-----------------------------|
| <b>NEB Part Number</b>   | <b>Component Description</b>         | <b>Lot Number</b> | <b>Individual QC Result</b> |
| E7301AAVIAL  | NEBNext® 3' Ligation Reaction Buffer | 0091805           | <b>Pass</b>                 |
| E7288AAVIAL  | NEBNext® 3' Ligation Enzyme Mix      | 0121805           | <b>Pass</b>                 |
| E6138AAVIAL  | Gel Loading Dye, Blue, 6X            | 0061805           | <b>Pass</b>                 |

This product has been tested and shown to be in compliance with all specifications.




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Christine Sumner  
Production Scientist  
14 Jun 2018




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Michael Tonello  
Packaging Quality Control Inspector  
14 Jun 2018