

## New England Biolabs Certificate of Analysis

Product Name: NEBNext® rRNA Depletion Kit (Bacteria)  
 Catalog Number: E7850X  
 Packaging Lot Number: 10171615  
 Expiration Date: 03/2024  
 Storage Temperature: -20°C  
 Specification Version: PS-E7850S/L/X v1.0

| NEBNext® rRNA Depletion Kit (Bacteria) Component List |  |            |                      |
|---|--|------------|----------------------|
| NEB Part Number                                       | Component Description                      | Lot Number | Individual QC Result |
| E7851-4VIAL   | NEBNext® Bacterial rRNA Depletion Solution | 10171618   | Pass                 |
| E7753-4VIAL   | NEBNext® DNase I                           | 10171616   | Pass                 |
| E7752-4VIAL   | NEBNext® Thermostable RNase H              | 10171617   | Pass                 |
| E6317-4VIAL   | Nuclease-free Water                        | 10171621   | Pass                 |
| E6315-4VIAL   | DNase I Reaction Buffer                    | 10171620   | Pass                 |
| E6314-4VIAL   | NEBNext® Probe Hybridization Buffer        | 10171622   | Pass                 |
| E6312-4VIAL   | RNase H Reaction Buffer                    | 10171619   | Pass                 |

| Assay Name/Specification  | Lot # 10171615 |
|---|----------------|
| <p><b>* Individual Product Component Note</b><br/>           Standard Quality Control Tests are performed for each component included in NEBNext® rRNA Depletion Kit (Bacteria) and meet the designated specifications.</p>   | Pass           |
| <p><b>Functional Testing (rRNA Depletion)</b><br/>           NEBNext® rRNA Depletion Kit (Bacteria) is functionally validated using E. coli RNA and RNA from a mock bacterial community. After treatment with the kit, a high-throughput sequencing library is made and sequenced. Reads from this library are classified as being derived from ribosomal RNA based on sequence homology. This method produces libraries with &lt;10% rRNA.</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](http://www.neb.com/trademarks) for additional information.

*Christine Sumner*

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Christine Sumner  
Production Scientist  
13 Dec 2022

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
13 Dec 2022