

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext® rRNA Depletion Kit (Bacteria)  
**Catalog Number:** E7850S  
**Packaging Lot Number:** 10223841  
**Expiration Date:** 01/2026  
**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 |
| E7851-2VIAL   | NEBNext® Bacterial rRNA Depletion Solution | 10223846   | Pass                 |
| E7753-2VIAL   | NEBNext® DNase I                           | 10223844   | Pass                 |
| E7752-2VIAL   | NEBNext® Thermostable RNase H              | 10223845   | Pass                 |
| E6317-2VIAL   | Nuclease-free Water                        | 10223850   | Pass                 |
| E6315-2VIAL   | DNase I Reaction Buffer                    | 10223849   | Pass                 |
| E6314-2VIAL   | NEBNext® Probe Hybridization Buffer        | 10223852   | Pass                 |
| E6312-2VIAL   | RNase H Reaction Buffer                    | 10223848   | Pass                 |

| Assay Name/Specification  | Lot # 10223841 |
|---|----------------|
| <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.  | <b>Pass</b>    |
| <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 <10% rRNA. | <b>Pass</b>    |

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  
29 Feb 2024

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
25 Sep 2024