

New England Biolabs Certificate of Analysis

Product Name: NEBNext® rRNA Depletion Kit (Bacteria)
Catalog Number: E7850X
Packaging Lot Number: 10223847
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 |
| E7851-4VIAL | NEBNext® Bacterial rRNA Depletion Solution | 10223854 | Pass |
| E7753-4VIAL | NEBNext® DNase I | 10223851 | Pass |
| E7752-4VIAL | NEBNext® Thermostable RNase H | 10223853 | Pass |
| E6317-4VIAL | Nuclease-free Water | 10223858 | Pass |
| E6315-4VIAL | DNase I Reaction Buffer | 10223857 | Pass |
| E6314-4VIAL | NEBNext® Probe Hybridization Buffer | 10223859 | Pass |
| E6312-4VIAL | RNase H Reaction Buffer | 10223856 | Pass |

| Assay Name/Specification | Lot # 10223847 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| * Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® rRNA Depletion Kit (Bacteria) and meet the designated specifications. | Pass |
| Functional Testing (rRNA Depletion) 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. | 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.

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Christine Sumner
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29 Feb 2024

Michael Tonello

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03 Jun 2024