

## New England Biolabs Product Specification

*Product Name:* NEBNext<sup>®</sup> rRNA Depletion Kit (Bacteria)  
*Catalog #:* E7850S/L/X  
*Kit Components:* NEBNext<sup>®</sup> DNase I (E7753)  
NEBNext<sup>®</sup> Thermostable RNase H (E7752)  
NEBNext<sup>®</sup> Bacterial rRNA Depletion Solution (E7851)  
RNase H Reaction Buffer (E6312)  
DNase I Reaction Buffer (E6315)  
Nuclease Free Water (E6317)  
NEBNext<sup>®</sup> Probe Hybridization Buffer (E6314)  
*Shelf Life:* 24 months  
*Storage Temp:* -20°C  
*Specification Version:* PS-E7850S/L/X v1.0  
*Effective Date:* 24 Sep 2019

### Assay Name/Specification (minimum release criteria)

**Functional Testing (rRNA Depletion)** - NEBNext<sup>®</sup> 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.

\* **Individual Product Component Note** - Standard Quality Control Tests are performed for each component included in NEBNext<sup>®</sup> rRNA Depletion Kit (Bacteria) and meet the designated specifications.



Date 24 Sep 2019

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