

## New England Biolabs Product Specification

*Product Name:* NEBNext rRNA Depletion Kit (Human/Mouse/Rat) with RNA Sample Purification Beads  
*Catalog #:* E6350S/L/X  
*Kit Components:* NEBNext<sup>®</sup> RNA Sample Purification Beads (E6351)  
NEBNext<sup>®</sup> rRNA Depletion Kit (Human/Mouse/Rat) (E6310)  
*Shelf Life:* 18 months  
*Storage Temp:* 4°C  
*Specification Version:* PS-E6350S/L/X v1.0  
*Effective Date:* 13 Jul 2017

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

**Functional Testing (rRNA Depletion)** - The NEBNext rRNA Depletion Kit is functionally validated using commercially available human RNA (e.g. UHRR). 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 less than 10% rRNA.

**Functional Testing (RNA Sample Purification Beads)** - The NEBNext RNA Sample Purification Beads are used for the final cleanup of enzymatic reactions in the NEBNext rRNA Depletion Kit. Purified rRNA depleted total RNA is run on a Bioanalyzer resulting in the expected yield and size distribution.

\* **Individual Product Component Note** - Standard Quality Control Tests are performed for each component included in NEBNext<sup>®</sup> rRNA Depletion Kit (Human/Mouse/Rat) with RNA Sample Purification Beads and meet the designated specifications.



Date 13 Jul 2017

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