

New England Biolabs Product Specification

Product Name: NEBNext[®] rRNA Depletion Kit (Human/Mouse/Rat)
Catalog #: E6310S/L/X/B
Kit Components: NEBNext[®] RNase H (E6318)
RNase H Reaction Buffer (E6312)
NEBNext[®] rRNA Depletion Solution (E6313)
NEBNext[®] Probe Hybridization Buffer (E6314)
DNase I (RNase-free) (E6316)
DNase I Reaction Buffer (E6315)
Nuclease-free Water (E6317)
Shelf Life: 24 months
Storage Temp: -20°C
Specification Version: PS-E6310S/L/X/B v1.0
Effective Date: 21 Sep 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.

* **Individual Product Component Note** - Standard Quality Control Tests are performed for each component included in NEBNext[®] rRNA Depletion Kit (Human/Mouse/Rat) and meet the designated specifications.



Date 21 Sep 2017

Derek Robinson
Director of Quality Control

