

New England Biolabs Product Specification

Product Name: NEBNext[®] Globin & rRNA Depletion Kit (Human/Mouse/Rat)
Catalog #: E7750S/L/X
Kit Components: NEBNext[®] DNase I (E7753)
NEBNext[®] Thermostable RNase H (E7752)
NEBNext[®] Globin & rRNA Depletion Solution (E7751)
RNase H Reaction Buffer (E6312)
DNase I Reaction Buffer (E6315)
Nuclease-free Water (E6317)
NEBNext[®] Probe Hybridization Buffer (E6314)
Shelf Life: 24 months
Storage Temp: -20°C
Specification Version: PS-E7750S/L/X v1.0
Effective Date: 17 Jun 2019

Assay Name/Specification (minimum release criteria)

Functional Testing (Globin and rRNA Depletion) - The NEBNext[®] Globin & rRNA Depletion Kit (Human/Mouse/Rat) is functionally validated using commercially available human RNA extracted from blood. 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 and less than 5% globin RNA.

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



Date 17 Jun 2019

Derek Robinson
Director of Quality Control

