

New England Biolabs Product Specification

Product Name: NEBNext[®] rRNA Depletion Kit v2 (Human/Mouse/Rat)
Catalog #: E7400S/L/X
Kit Components: NEBNext[®] DNase I (E7753B-960R)
NEBNext[®] Thermostable RNase H (E7752B-960R)
NEBNext[®] v2 rRNA Depletion Solution (E7401B-960R)
RNase H Reaction Buffer (E6312B-960R)
DNase I Reaction Buffer (E6315B-960R)
Nuclease Free Water (E6317B-960R)
NEBNext[®] Probe Hybridization Buffer (E6314B-960R)
Shelf Life: 24 months
Storage Temp: -20°C
Specification Version: PS-E7400S/L/X v1.0
Effective Date: 17 Apr 2020

Assay Name/Specification (minimum release criteria)

Functional Testing (rRNA Depletion) - NEBNext[®] rRNA Depletion Kit v2 (Human/Mouse/Rat) 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 <10% rRNA.

* **Individual Product Component Note** - Standard Quality Control Tests are performed for each component included in NEBNext[®] rRNA Depletion Kit v2 (Human/Mouse/Rat) and meet the designated specifications.

One or more products referenced in this document may be covered by a 3rd-party trademark.
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Date 17 Apr 2020

Derek Robinson
Quality Approver

