

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext<sup>®</sup> Globin & rRNA Depletion Kit (Human/Mouse/Rat)  
**Catalog Number:** E7750S  
**Packaging Lot Number:** 10209902  
**Expiration Date:** 04/2025  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7750S/L/X v1.0

NEBNext <sup>®</sup> Globin & rRNA Depletion Kit (Human/Mouse/Rat) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7753-2VIAL	NEBNext <sup>®</sup> DNase I	10209906	Pass
E7752-2VIAL	NEBNext <sup>®</sup> Thermostable RNase H	10209908	Pass
E7751-2VIAL	NEBNext <sup>®</sup> Globin & rRNA Depletion Solution	10209909	Pass
E6317-2VIAL	Nuclease-free Water	10209913	Pass
E6315-2VIAL	DNase I Reaction Buffer	10209912	Pass
E6314-2VIAL	NEBNext <sup>®</sup> Probe Hybridization Buffer	10209914	Pass
E6312-2VIAL	RNase H Reaction Buffer	10209911	Pass

Assay Name/Specification	Lot # 10209902
<p><b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in NEBNext<sup>®</sup> Globin &amp; rRNA Depletion Kit (Human/Mouse/Rat) and meet the designated specifications.</p>	<b>Pass</b>
<p><b>Functional Testing (Globin and rRNA Depletion)</b> The NEBNext<sup>®</sup> Globin &amp; 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.</p>	<b>Pass</b>

This product has been tested and shown to be in compliance with all specifications.

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit [www.neb.com/trademarks](http://www.neb.com/trademarks) for additional information.

*Christine Sumner*

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Christine Sumner  
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06 Nov 2023

*Josh Hersey*

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Josh Hersey  
Packaging Quality Control Inspector  
31 Jan 2024