

## New England Biolabs Certificate of Analysis

Product Name: NEBNext<sup>®</sup> Globin & rRNA Depletion Kit (Human/Mouse/Rat)  
 Catalog Number: E7750X  
 Packaging Lot Number: 10070377  
 Expiration Date: 01/2022  
 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
E7753-4VIAL	NEBNext <sup>®</sup> DNase I	10064087	Pass
E7752-4VIAL	NEBNext <sup>®</sup> Thermostable RNase H	10064088	Pass
E7751-4VIAL	NEBNext <sup>®</sup> Globin & rRNA Depletion Solutio	10064089	Pass
E6317-4VIAL	Nuclease-free Water	10064092	Pass
E6315-4VIAL	DNase I Reaction Buffer	10064091	Pass
E6314-4VIAL	NEBNext <sup>®</sup> Probe Hybridization Buffer	10064093	Pass
E6312-4VIAL	RNase H Reaction Buffer	10064090	Pass

Assay Name/Specification	Lot # 10070377
<p><b>Functional Testing (Globin and rRNA Depletion)</b></p> <p>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>	Pass
<p><b>* Individual Product Component Note</b></p> <p>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>	Pass

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

*Christine Sumner*

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Christine Sumner  
Production Scientist  
10 Mar 2020

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
10 Mar 2020