

## New England Biolabs Certificate of Analysis

Product Name: NEBNext® High Input Poly(A) mRNA Isolation Module  
 Catalog Number: E3370S  
 Packaging Lot Number: 10242418  
 Expiration Date: 10/2025  
 Storage Temperature: 4°C  
 Specification Version: PS-E3370S v1.0

NEBNext® High Input Poly(A) mRNA Isolation Module Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7496AVIAL	NEBNext® Tris Buffer	10209224	Pass
E7495AVIAL	Nuclease-free Water	10209223	Pass
E7493AVIAL	NEBNext® Wash Buffer	10209222	Pass
E7492AVIAL	NEBNext® RNA Binding Buffer (2X)	10209221	Pass
E3371AVIAL	NEBNext® High Input Oligo d(T)25 Beads	10209225	Pass

Assay Name/Specification	Lot # 10242418
<p><b>* Individual Product Component Note</b>            Standard Quality Control Tests are performed for each component included in NEBNext® High Input Poly(A) mRNA Isolation Module and meet the designated specifications.</p>	Pass
<p><b>Functional Testing (Poly(A) Isolation)</b>            The NEBNext® High Input Poly(A) mRNA Isolation Module is functionally validated using commercially available human RNA (e.g. UHRR, Agilent). After treatment using 25 µg input, RNA yield is assessed, and libraries made from previous and current lots are sequenced together on the same Illumina® flow cell and compared across various metrics including %rRNA remaining, individual transcript abundance correlations, 5'-3' transcript coverage, and fraction of reads mapping to a reference. This method produces libraries with less than 10% rRNA.</p>	Pass

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  
Production Scientist  
13 May 2024

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
13 May 2024