NEW ENGLAND BioLabs Inc.

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New England Biolabs
Certificate of Analysis

Product Name:	NEBNext® High Input Poly(A) mRNA Isolation Module
Catalog Number:	E3370S
Packaging Lot Number:	10191358
Expiration Date:	12/2024
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	10173567	**Pass**
E7495AVIAL	Nuclease-free Water	10173566	**Pass**
E7493AVIAL	NEBNext® Wash Buffer	10173565	**Pass**
E7492AVIAL	NEBNext® RNA Binding Buffer (2X)	10173564	**Pass**
E3371AVIAL	NEBNext® High Input Oligo d(T)25 Beads	10173568	**Pass**

Assay Name/Specification	Lot # 10191358
* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® High Input Poly(A) mRNA Isolation Module and meet the designated specifications.	**Pass**
Functional Testing (Poly(A) Isolation) 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.	**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 for additional information.

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Christine Sumner
Production Scientist
04 May 2023

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Michael Tonello
Packaging Quality Control Inspector
04 May 2023