

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Poly(A) mRNA Magnetic Isolation Module
 Catalog Number: E7490L
 Lot Number: 10049111
 Expiration Date: 06/2021
 Storage Temperature: 4°C
 Specification Version: PS-E7490S/L v1.0

| NEBNext® Poly(A) mRNA Magnetic Isolation Module Component List | | | |
|--|--------------------------------------|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| E7499AAVIAL | NEBNext® Oligo dT(25) Magnetic Beads | 10042220 | Pass |
| E7496AAVIAL | NEBNext® Tris Buffer | 10042219 | Pass |
| E7495AAVIAL | Nuclease-free Water | 10042218 | Pass |
| E7493AAVIAL | NEBNext® Wash Buffer | 10042217 | Pass |
| E7492AAVIAL | NEBNext® RNA Binding Buffer (2X) | 10042216 | Pass |

| Assay Name/Specification | Lot # 10049111 |
|---|----------------|
| <p>Functional Testing (Poly(A) Isolation) The NEBNext® Poly(A) Isolation Module is functionally validated using commercially available human RNA (e.g. UHRR). After treatment using the kit's minimum and maximum input requirements, RNA yield is assessed by Bioanalyzer. Libraries made from previous and current lots, using the minimum and maximum input amounts are sequenced together on the same Illumina® flow cell and compared across various metrics including library yield, 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 |
| <p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® Poly(A) mRNA Magnetic Isolation Module and meet the designated specifications.</p> | Pass |

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

Christine Sumner

Christine Sumner
Production Scientist
28 Jun 2019

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
28 Jun 2019