# New England Biolabs
# Certificate of Analysis

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|---|---|
| *Product Name:* | *NEBNext® Poly(A) mRNA Magnetic Isolation Module* |
| *Catalog Number:* | *E7490S* |
| *Lot Number:* | *10050322* |
| *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** |
| E7499AVIAL | NEBNext® Oligo dT(25) Magnetic Beads | 10042214 | **Pass** |
| E7496AVIAL | NEBNext® Tris Buffer | 10042213 | **Pass** |
| E7495AVIAL | Nuclease-free Water | 10042212 | **Pass** |
| E7493AVIAL | NEBNext® Wash Buffer | 10042211 | **Pass** |
| E7492AVIAL | NEBNext® RNA Binding Buffer (2X) | 10042210 | **Pass** |

| Assay Name/Specification | Lot # 10050322 |
|---|---|
| **\* Individual Product Component Note**<br>Standard Quality Control Tests are performed for each component included in NEBNext® Poly(A) mRNA Magnetic Isolation Module and meet the designated specifications. | **Pass** |
| **Functional Testing (Poly(A) Isolation)**<br>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. | **Pass** |

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

nqa. ISO 9001 Registered Quality Management  
nqa. ISO 13485 Registered Medical Devices  
nqa. ISO 14001 Registered Environmental Management

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