New England Biolabs
Certificate of Analysis

Product Name: NEBNext® Poly(A) mRNA Magnetic Isolation Module
Catalog Number: E7490S
Lot Number: 10046831
Expiration Date: 01/2021
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	10030972	**Pass**
E7496AVIAL	NEBNext® Tris Buffer	10030971	**Pass**
E7495AVIAL	Nuclease-free Water	10030970	**Pass**
E7493AVIAL	NEBNext® Wash Buffer	10030969	**Pass**
E7492AVIAL	NEBNext® RNA Binding Buffer (2X)	10030968	**Pass**

Assay Name/Specification	Lot # 10046831
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.	Pass
* 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.	Pass

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

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Christine Sumner
Production Scientist
04 Jun 2019

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Michael Tonello
Packaging Quality Control Inspector
04 Jun 2019