

240 County Road Ipswich, MA 01938-2723 Tel 978-927-5054 Fax 978-921-1350 www.neb.com info@neb.com

## New England Biolabs Certificate of Analysis

Product Name: NEBNext® Poly(A) mRNA Magnetic Isolation Module

Catalog Number: E7490S
Packaging Lot Number: 10129439
Expiration Date: 10/2023
Storage Temperature: 4°C

Specification Version: PS-E7490S/L v1.0

NEBNext® Poly(A) mRNA Magnetic Isolation Module Component List				
<b>NEB Part Number</b>	Component Description	Lot Number	Individual QC Result	
E7499AVIAL	NEBNext® Oligo dT(25) Magnetic Beads	10115764	Pass	
E7496AVIAL	NEBNext® Tris Buffer	10115763	Pass	
E7495AVIAL	Nuclease-free Water	10115762	Pass	
E7493AVIAL	NEBNext® Wash Buffer	10115761	Pass	
E7492AVIAL	NEBNext® RNA Binding Buffer (2X)	10115760	Pass	

Assay Name/Specification	Lot # 10129439
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.

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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Christin Summ

Christine Sumner Production Scientist 09 Nov 2021 Michael Tonello

Packaging Quality Control Inspector

09 Nov 2021



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