

be INSPIRED *drive* DISCOVERY *stay* GENUINE

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:	10116719
Expiration Date:	04/2023
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	10103522	Pass	
E7496AVIAL	NEBNext® Tris Buffer	10103521	Pass	
E7495AVIAL	Nuclease-free Water	10103520	Pass	
E7493AVIAL	NEBNext® Wash Buffer	10103519	Pass	
E7492AVIAL	NEBNext® RNA Binding Buffer (2X)	10103518	Pass	

Assay Name/Specification	Lot # 10116719
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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Christine Sumner Production Scientist 21 Jul 2021

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Michael Tonello Packaging Quality Control Inspector 21 Jul 2021

