

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® RNA First Strand Synthesis Module

Catalog Number: E7525S

Lot Number: 10017993

Expiration Date: 07/2019

Storage Temperature: -20°C

Specification Version: PS-E7525S/L v1.0

NEBNext® RNA First Strand Synthesis Module Component List				
NEB Part Number	Component Description	Lot Number	Individual QC Result	
E7424AVIAL	RNase Inhibitor, Murine	0311801	Pass	
E7423AVIAL	ProtoScript® II Reverse Transcriptase	0041801	Pass	
E7422AVIAL	Random Primers	0211801	Pass	
E7421AVIAL	NEBNext® First Strand Synthesis Reaction Buffer	0151801	Pass	

Assay Name/Specification	Lot # 10017993
Functional Testing (Library Construction, RNA)	Pass
Each set of reagents is functionally validated and compared to the previous lot	
through construction of libraries made from commercially available RNA, using the	
kit's minimum and maximum input requirements. Libraries made from the previous and	
current lots for both input RNA amounts are sequenced together on the same Illumina	
flow cell and compared across various metrics including library yield, individual	
transcript abundance correlations (low vs. high input, old lot vs. new lot), 5'-3'	
transcript coverage, and fraction of reads mapping to a reference.	
* Individual Product Component Note	Pass
Standard Quality Control Tests are performed for each component included in NEBNext®	
RNA First Strand Synthesis Module and meet the designated specifications.	

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



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Christin Summ

Christine Sumner Production Scientist 02 Aug 2018 Michael Tonello

Packaging Quality Control Inspector

02 Aug 2018