

New England Biolabs Certificate of Analysis

Product Name: NEBNext® RNA Library Prep Kit for MGI®
Catalog Number: E9710S
Packaging Lot Number: 10246002
Expiration Date: 10/2025
Storage Temperature: -20°C
Specification Version: PS-E9710S/L/G v1.0

NEBNext® RNA Library Prep Kit for MGI® Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E9619AVIAL	NEBNext® USER® Enzyme	10234313	Pass
E9618AVIAL	NEBNext® RNA Fragmentation Buffer	10234300	Pass
E9615AVIAL	NEBNext® MSTC™ High Yield Master Mix	10234315	Pass
E9613AVIAL	NEBNext® Ligation Master Mix	10234310	Pass
E9612AVIAL	NEBNext® End Prep Enzyme Mix	10234308	Pass
E9611AVIAL	NEBNext® End Prep Reaction Buffer	10234307	Pass
E7766AVIAL	NEBNext® Strand Specificity Reagent	10234304	Pass
E7764AVIAL	Nuclease-free Water	10234319	Pass
E7763AVIAL	0.1X TE	10234317	Pass
E7761AVIAL	NEBNext® First Strand Synthesis Enzyme Mix	10234302	Pass
E7426AVIAL	NEBNext® Second Strand Synthesis Reaction Buffer (dUTP Mix)	10234306	Pass
E7425AVIAL	NEBNext® Second Strand Synthesis Enzyme Mix	10234305	Pass
E7374AVIAL	NEBNext® Ligation Enhancer	10234311	Pass

Assay Name/Specification	Lot # 10246002
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® RNA Library Prep Kit for MGI® and meet the designated specifications.</p>	Pass
<p>Functional Testing (MGI®/Complete Genomics™ Library Construction, RNA) Each set of reagents is functionally tested 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 MGI®/Complete Genomics™ flowcell and compared across various metrics including library yield, individual transcript abundance correlations (low vs. high input, old lot vs. new</p>	Pass

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lot), 5'-3' transcript coverage, and fraction of reads mapping to a reference.	

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.



Christine Sumner
Production Scientist
05 Jul 2024



Josh Hersey
Packaging Quality Control Inspector
15 Jul 2024