

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext® RNA Library Prep Kit for MGI®  
**Catalog Number:** E9625L  
**Packaging Lot Number:** 10245049  
**Expiration Date:** 10/2025  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E9625S/L/G v1.0

NEBNext® RNA Library Prep Kit for MGI® Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E9619AAVIAL	NEBNext® USER® Enzyme	10234325	Pass
E9618AAVIAL	NEBNext® RNA Fragmentation Buffer	10234312	Pass
E9615AAVIAL	NEBNext® MSTC™ High Yield Master Mix	10234326	Pass
E9613AAVIAL	NEBNext® Ligation Master Mix	10234323	Pass
E9612AAVIAL	NEBNext® End Prep Enzyme Mix	10234322	Pass
E9611AAVIAL	NEBNext® End Prep Reaction Buffer	10234321	Pass
E7766AAVIAL	NEBNext® Strand Specificity Reagent	10234316	Pass
E7764AAVIAL	Nuclease-free Water	10234328	Pass
E7763AAVIAL	0.1X TE	10234327	Pass
E7761AAVIAL	NEBNext® First Strand Synthesis Enzyme Mix	10234314	Pass
E7426AAVIAL	NEBNext® Second Strand Synthesis Reaction Buffer (dUTP Mix)	10234320	Pass
E7425AAVIAL	NEBNext® Second Strand Synthesis Enzyme Mix	10234318	Pass
E7374AAVIAL	NEBNext® Ligation Enhancer	10234324	Pass

Assay Name/Specification	Lot # 10245049
<p><b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in NEBNext® RNA Library Prep Kit for MGI® and meet the designated specifications.</p>	<b>Pass</b>
<p><b>Functional Testing (MGI®/Complete Genomics™ Library Construction, RNA)</b> 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>	<b>Pass</b>

Assay Name/Specification	Lot # 10245049
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](http://www.neb.com/trademarks) for additional information.



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Christine Sumner  
Production Scientist  
29 May 2024



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Josh Hersey  
Packaging Quality Control Inspector  
29 May 2024