

## New England Biolabs Certificate of Analysis

Product Name: NEBNext UltraExpress™ RNA Library Prep Kit  
 Catalog Number: E3330G  
 Packaging Lot Number: 10219170  
 Expiration Date: 02/2025  
 Storage Temperature: -20°C  
 Specification Version: PS-E3330G v1.0

NEBNext UltraExpress™ RNA Library Prep Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7762GVIAL	NEBNext Adaptor Dilution Buffer	10219180	Pass
E3342GVIAL	Nuclease-free Water	10219182	Pass
E3341GVIAL	0.1X TE	10219181	Pass
E3339GVIAL	NEBNext® Bead Reconstitution Buffer	10219183	Pass
E3338GVIAL	NEBNext® MSTC™ High Yield Master Mix	10219179	Pass
E3337GVIAL	NEBNext UltraExpress™ USER Enzyme	10219178	Pass
E3336GVIAL	NEBNext UltraExpress™ Ligation Master Mix	10219177	Pass
E3335GVIAL	NEBNext UltraExpress™ End Prep Reaction Buffer	10219176	Pass
E3334GVIAL	NEBNext UltraExpress™ End Prep Enzyme Mix	10219175	Pass
E3333GVIAL	NEBNext UltraExpress™ Second Strand Master Mix	10219174	Pass
E3332GVIAL	NEBNext UltraExpress™ Strand Specificity Reagent	10219173	Pass
E3331GVIAL	NEBNext UltraExpress™ First Strand Enzyme Mix	10219172	Pass
E3329GVIAL	NEBNext UltraExpress™ RNA Fragmentation Mix	10219171	Pass

Assay Name/Specification	Lot # 10219170
<p><b>* Individual Product Component Note</b>            Standard Quality Control Tests are performed for each component included in NEBNext UltraExpress™ RNA Library Prep Kit and meet the designated specifications.</p>	Pass
<p><b>Functional Testing (Library Construction, RNA)</b>            Each set of reagents is functionally validated and compared to a previous lot through construction of libraries made from commercially available RNA, using the kit's minimum and maximum input requirements. Libraries made from previous and current lots for both input RNA amounts are sequenced together on the same Illumina®</p>	Pass

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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.	

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  
12 Dec 2023




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Michael Tonello  
Packaging Quality Control Inspector  
01 Feb 2024