

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext UltraExpress™ RNA Library Prep Kit  
**Catalog Number:** E3330L  
**Packaging Lot Number:** 10212257  
**Expiration Date:** 02/2025  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E3330L v1.0

NEBNext UltraExpress™ RNA Library Prep Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7762AAVIAL	NEBNext® Adaptor Dilution Buffer	10203775	Pass
E3342AAVIAL	Nuclease-free Water	10203779	Pass
E3341AAVIAL	0.1X TE	10203777	Pass
E3339AAVIAL	NEBNext® Bead Reconstitution Buffer	10203781	Pass
E3338AAVIAL	NEBNext® MSTC™ High Yield Master Mix	10203773	Pass
E3337AAVIAL	NEBNext UltraExpress™ USER Enzyme	10203772	Pass
E3336AAVIAL	NEBNext UltraExpress™ Ligation Master Mix	10203771	Pass
E3335AAVIAL	NEBNext UltraExpress™ End Prep Reaction Buffer	10203770	Pass
E3334AAVIAL	NEBNext UltraExpress™ End Prep Enzyme Mix	10203769	Pass
E3333AAVIAL	NEBNext UltraExpress™ Second Strand Master Mix	10203768	Pass
E3332AAVIAL	NEBNext UltraExpress™ Strand Specificity Reagent	10203767	Pass
E3331AAVIAL	NEBNext UltraExpress™ First Strand Enzyme Mix	10203766	Pass
E3329AAVIAL	NEBNext UltraExpress™ RNA Fragmentation Mix	10203763	Pass

Assay Name/Specification	Lot # 10212257
<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>	<b>Pass</b>
<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</p>	<b>Pass</b>

Assay Name/Specification	Lot # 10212257
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® 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.



Christine Sumner  
Production Scientist  
12 Oct 2023



Josh Hersey  
Packaging Quality Control Inspector  
12 Oct 2023