

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext UltraExpress® RNA Library Prep Kit  
**Catalog Number:** E3330G  
**Packaging Lot Number:** 10242261  
**Expiration Date:** 09/2025  
**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	10235727	Pass
E3342GVIAL	Nuclease-free Water	10235733	Pass
E3341GVIAL	0.1X TE	10235730	Pass
E3339GVIAL	NEBNext® Bead Reconstitution Buffer	10235736	Pass
E3338GVIAL	NEBNext® MSTC™ High Yield Master Mix	10235724	Pass
E3337GVIAL	NEBNext UltraExpress® USER Enzyme	10235721	Pass
E3336GVIAL	NEBNext UltraExpress® Ligation Master Mix	10235719	Pass
E3335GVIAL	NEBNext UltraExpress® End Prep Reaction Buffer	10235717	Pass
E3334GVIAL	NEBNext UltraExpress® End Prep Enzyme Mix	10235715	Pass
E3333GVIAL	NEBNext UltraExpress® Second Strand Master Mix	10235714	Pass
E3332GVIAL	NEBNext UltraExpress® Strand Specificity Reagent	10235712	Pass
E3331GVIAL	NEBNext UltraExpress® First Strand Enzyme Mix	10235711	Pass
E3329GVIAL	NEBNext UltraExpress® RNA Fragmentation Mix	10235710	Pass

Assay Name/Specification	Lot # 10242261
<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 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>	<b>Pass</b>

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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.

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Christine Sumner  
Production Scientist  
02 May 2024



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Michael Tonello  
Packaging Quality Control Inspector  
02 May 2024