

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext UltraExpress® RNA Library Prep Kit  
**Catalog Number:** E3330L  
**Packaging Lot Number:** 10242265  
**Expiration Date:** 09/2025  
**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	10235747	Pass
E3342AAVIAL	Nuclease-free Water	10235749	Pass
E3341AAVIAL	0.1X TE	10235748	Pass
E3339AAVIAL	NEBNext® Bead Reconstitution Buffer	10235750	Pass
E3338AAVIAL	NEBNext® MSTC™ High Yield Master Mix	10235746	Pass
E3337AAVIAL	NEBNext UltraExpress® USER Enzyme	10235744	Pass
E3336AAVIAL	NEBNext UltraExpress® Ligation Master Mix	10235742	Pass
E3335AAVIAL	NEBNext UltraExpress® End Prep Reaction Buffer	10235740	Pass
E3334AAVIAL	NEBNext UltraExpress® End Prep Enzyme Mix	10235738	Pass
E3333AAVIAL	NEBNext UltraExpress® Second Strand Master Mix	10235735	Pass
E3332AAVIAL	NEBNext UltraExpress® Strand Specificity Reagent	10235732	Pass
E3331AAVIAL	NEBNext UltraExpress® First Strand Enzyme Mix	10235729	Pass
E3329AAVIAL	NEBNext UltraExpress® RNA Fragmentation Mix	10235726	Pass

Assay Name/Specification	Lot # 10242265
<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.	Pass
<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	Pass

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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.



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02 May 2024



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Michael Tonello  
Packaging Quality Control Inspector  
02 May 2024