

New England Biolabs Certificate of Analysis

Product Name: NEBNext UltraExpress™ RNA Library Prep Kit
 Catalog Number: E3330L
 Packaging Lot Number: 10215765
 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 # 10215765
<p>* Individual Product Component Note 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>Functional Testing (Library Construction, RNA) 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>	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 for additional information.



Christine Sumner
Production Scientist
29 Jan 2024



Michael Tonello
Packaging Quality Control Inspector
29 Jan 2024