

New England Biolabs Certificate of Analysis

Product Name: NEBNext UltraExpress™ RNA Library Prep Kit
 Catalog Number: E3330S
 Packaging Lot Number: 10212561
 Expiration Date: 02/2025
 Storage Temperature: -20°C
 Specification Version: PS-E3330S v1.0

NEBNext UltraExpress™ RNA Library Prep Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7762AVIAL	NEBNext® Adaptor Dilution Buffer	10203776	Pass
E3342AVIAL	Nuclease-free Water	10203780	Pass
E3341AVIAL	0.1X TE	10203778	Pass
E3339AVIAL	NEBNext® Bead Reconstitution Buffer	10203782	Pass
E3338AVIAL	NEBNext® MSTC™ High Yield Master Mix	10203774	Pass
E3337AVIAL	NEBNext UltraExpress™ USER Enzyme	10203802	Pass
E3336AVIAL	NEBNext UltraExpress™ Ligation Master Mix	10203761	Pass
E3335AVIAL	NEBNext UltraExpress™ End Prep Reaction Buffer	10203759	Pass
E3334AVIAL	NEBNext UltraExpress™ End Prep Enzyme Mix	10203757	Pass
E3333AVIAL	NEBNext UltraExpress™ Second Strand Master Mix	10203754	Pass
E3332AVIAL	NEBNext UltraExpress™ Strand Specificity Reagent	10203752	Pass
E3331AVIAL	NEBNext UltraExpress™ First Strand Enzyme Mix	10203750	Pass
E3329AVIAL	NEBNext UltraExpress™ RNA Fragmentation Mix	10203748	Pass

Assay Name/Specification	Lot # 10212561
<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 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 for additional information.



Christine Sumner
Production Scientist
12 Oct 2023



Josh Hersey
Packaging Quality Control Inspector
12 Oct 2023