

New England Biolabs Certificate of Analysis

Product Name: NEBNext UltraExpress® RNA Library Prep Kit
Catalog Number: E3330S
Packaging Lot Number: 10248879
Expiration Date: 01/2026
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	10248895	Pass
E3342AVIAL	Nuclease-free Water	10248897	Pass
E3341AVIAL	0.1X TE	10248896	Pass
E3339AVIAL	NEBNext® Bead Reconstitution Buffer	10248898	Pass
E3338AVIAL	NEBNext® MSTC™ High Yield Master Mix	10248894	Pass
E3337AVIAL	NEBNext UltraExpress® USER Enzyme	10248893	Pass
E3336AVIAL	NEBNext UltraExpress® Ligation Master Mix	10248892	Pass
E3335AVIAL	NEBNext UltraExpress® End Prep Reaction Buffer	10248890	Pass
E3334AVIAL	NEBNext UltraExpress® End Prep Enzyme Mix	10248889	Pass
E3333AVIAL	NEBNext UltraExpress® Second Strand Master Mix	10248888	Pass
E3332AVIAL	NEBNext UltraExpress® Strand Specificity Reagent	10248886	Pass
E3331AVIAL	NEBNext UltraExpress® First Strand Enzyme Mix	10248884	Pass
E3329AVIAL	NEBNext UltraExpress® RNA Fragmentation Mix	10248881	Pass

Assay Name/Specification	Lot # 10248879
<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
03 Sep 2024



Michael Tonello
Packaging Quality Control Inspector
04 Sep 2024