

New England Biolabs Certificate of Analysis

Product Name: NEBNext UltraExpress® DNA Library Prep Kit
Catalog Number: E3325S
Packaging Lot Number: 10247224
Expiration Date: 12/2025
Storage Temperature: -20°C
Specification Version: PS-E3325S/L/G v1.0

NEBNext UltraExpress® DNA Library Prep Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E3341AVIAL	0.1X TE	10247232	Pass
E3339AVIAL	NEBNext® Bead Reconstitution Buffer	10247231	Pass
E3328AVIAL	NEBNext® MSTC™ High Yield Master Mix	10247230	Pass
E3327AVIAL	NEBNext UltraExpress® Ligation Master Mix	10247229	Pass
E3326AVIAL	NEBNext UltraExpress® End Prep Enzyme Mix	10247228	Pass
E3324AVIAL	NEBNext UltraExpress® End Prep Reaction Buffer	10247226	Pass

Assay Name/Specification	Lot # 10247224
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext UltraExpress™ DNA Library Prep Kit and meet the designated specifications.</p>	Pass
<p>Functional Testing (Library Construction, DNA) Each set of reagents is functionally validated and compared to a previous lot through construction of libraries made from commercially available genomic DNA, using the kit's minimum and maximum input requirements. Libraries made from previous and current lots for both input DNA amounts are sequenced together on the same Illumina® flow cell and compared across various metrics including library yield, fraction of reads aligning to the reference, GC bias, and insert size.</p>	Pass

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

Christine Sumner
Production Scientist
23 Jul 2024



Josh Hersey
Packaging Quality Control Inspector
26 Aug 2024