

New England Biolabs Certificate of Analysis

Product Name: NEBNext UltraExpress® DNA Library Prep Kit
Catalog Number: E3325G
Packaging Lot Number: 10251411
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
E3341GVIAL	0.1X TE	10247227	Pass
E3339GVIAL	NEBNext® Bead Reconstitution Buffer	10247225	Pass
E3328GVIAL	NEBNext® MSTC™ High Yield Master Mix	10247223	Pass
E3327GVIAL	NEBNext UltraExpress® Ligation Master Mix	10247222	Pass
E3326GVIAL	NEBNext UltraExpress® End Prep Enzyme Mix	10247221	Pass
E3324GVIAL	NEBNext UltraExpress® End Prep Reaction Buffer	10247220	Pass

Assay Name/Specification	Lot # 10251411
<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
16 Jul 2024

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
16 Jul 2024