

New England Biolabs Certificate of Analysis

Product Name: NEBNext UltraExpress™ FS DNA Library Prep Kit
 Catalog Number: E3340G
 Packaging Lot Number: 10235154
 Expiration Date: 12/2024
 Storage Temperature: -20°C
 Specification Version: PS-E3340S/L/G v1.0

Assay Name/Specification	Lot # 10235154
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext UltraExpress™ FS DNA Library Prep Kit and meet the designated specifications.</p>	Pass
<p>Functional Testing (Library Construction, UltraExpress FS 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. A fragmentation time of 20 minutes was used to generate a final average library size between 270 and 500 bp as determined by electrophoresis. 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
Production Scientist
04 Mar 2024



Michael Tonello
Packaging Quality Control Inspector
04 Mar 2024