

## New England Biolabs Certificate of Analysis

Product Name: NEBNext UltraExpress™ DNA Library Prep Kit  
 Catalog Number: E3325S  
 Packaging Lot Number: 10212551  
 Expiration Date: 02/2025  
 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  | 10202988   | Pass                 |
| E3339AVIAL  | NEBNext® Bead Reconstitution Buffer            | 10202987   | Pass                 |
| E3328AVIAL  | NEBNext® MSTC™ High Yield Master Mix           | 10202985   | Pass                 |
| E3327AVIAL  | NEBNext UltraExpress™ Ligation Master Mix      | 10202984   | Pass                 |
| E3326AVIAL  | NEBNext UltraExpress™ End Prep Enzyme Mix      | 10202983   | Pass                 |
| E3324AVIAL  | NEBNext UltraExpress™ End Prep Reaction Buffer | 10202982   | Pass                 |

| Assay Name/Specification  | Lot # 10212551 |
|---|----------------|
| <p><b>* Individual Product Component Note</b><br/>           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><b>Functional Testing (Library Construction, DNA)</b><br/>           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](http://www.neb.com/trademarks) for additional information.

*Christine Sumner*

---

Christine Sumner  
Production Scientist  
11 Oct 2023

*Michael Tonello*

---

Michael Tonello  
Packaging Quality Control Inspector  
11 Oct 2023