

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Fast DNA Library Prep Set for Ion Torrent™
 Catalog Number: E6270L
 Lot Number: 10055695
 Expiration Date: 09/2020
 Storage Temperature: -20°C
 Specification Version: PS-E6270S/L v1.0

| NEBNext® Fast DNA Library Prep Set for Ion Torrent™ Component List | | | |
|--|--|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| E6625AAVIAL | NEBNext® Q5® Hot Start HiFi PCR Master Mix | 10038401 | Pass |
| E6293AAVIAL | TE Buffer | 10038397 | Pass |
| E6291AAVIAL | NEBNext® DNA Library Primers for Ion Torrent™ | 10038398 | Pass |
| E6277AAVIAL | Bst 2.0 WarmStart® DNA Polymerase | 10038400 | Pass |
| E6276AAVIAL | T4 DNA Ligase Buffer for Ion Torrent™ | 10038399 | Pass |
| E6275AAVIAL | T4 DNA Ligase | 10038395 | Pass |
| E6274AAVIAL | NEBNext® DNA Library Adaptors for Ion Torrent™ | 10038393 | Pass |
| E6272AAVIAL | NEBNext® End Repair Reaction Buffer | 10038394 | Pass |
| E6271AAVIAL | NEBNext® End Repair Enzyme Mix | 10038396 | Pass |

| Assay Name/Specification | Lot # 10055695 |
|---|----------------|
| <p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® Fast DNA Library Prep Set for Ion Torrent™ and meet the designated specifications.</p> | Pass |
| <p>Functional Testing (Library Construction, Ion Torrent™) 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 on the Ion Torrent™ platform and compared across various metrics including library yield, fraction of reads aligning to the reference, and insert size.</p> | Pass |

This product has been tested and shown to be in compliance with all specifications.

Christine Sumner

Christine Sumner
Production Scientist
30 Sep 2019

Josh Hersey

Josh Hersey
Packaging Quality Control Inspector
30 Sep 2019