

New England Biolabs Certificate of Analysis

Product Name: NEBNext[®] DNA Library Prep Master Mix Set for Illumina[®]
 Catalog Number: E6040L
 Lot Number: 10022114
 Expiration Date: 01/2020
 Storage Temperature: -20°C
 Specification Version: PS-E6040S/L v1.0

NEBNext [®] DNA Library Prep Master Mix Set for Illumina [®] Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E6630AAVIAL	NEBNext [®] Q5 [®] Hot Start HiFi PCR Master Mix	10022121	Pass
E6048AAVIAL	Quick Ligation [™] Reaction Buffer, 5X	10022119	Pass
E6047AAVIAL	Quick T4 DNA Ligase	10022115	Pass
E6045AAVIAL	NEBNext [®] dA-Tailing Reaction Buffer	10022120	Pass
E6044AAVIAL	Klenow Fragment (3'-5' exo-)	10022117	Pass
E6042AAVIAL	NEBNext [®] End Repair Reaction Buffer	10022118	Pass
E6041AAVIAL	NEBNext [®] End Repair Enzyme Mix	10022116	Pass

Assay Name/Specification	Lot # 10022114
<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
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext[®] DNA Library Prep Master Mix Set for Illumina[®] and meet the designated specifications.</p>	Pass

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

Christine Sumner

Christine Sumner
Production Scientist
06 Feb 2019

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
06 Feb 2019