

New England Biolabs Certificate of Analysis

Product Name: NEBNext[®] Ultra[™] II DNA Library Prep Kit for Illumina[®]
 Catalog Number: E7645S
 Lot Number: 10011935
 Expiration Date: 01/2019
 Storage Temperature: -20°C
 Specification Version: PS-E7645S/L v1.0

NEBNext [®] Ultra [™] II DNA Library Prep Kit for Illumina [®] Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7649AVIAL	NEBNext [®] Ultra [™] II Q5 [®] Master Mix	0091801	Pass
E7648AVIAL	NEBNext [®] Ultra [™] II Ligation Master Mix	0381801	Pass
E7647AVIAL	NEBNext [®] Ultra [™] II End Prep Reaction Buffer	0111801	Pass
E7646AVIAL	NEBNext [®] Ultra [™] II End Prep Enzyme Mix	0061801	Pass
E7374AVIAL	NEBNext [®] Ligation Enhancer	0031801	Pass

Assay Name/Specification	Lot # 10011935
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.	Pass
* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext [®] Ultra [™] II DNA Library Prep Kit for Illumina [®] and meet the designated specifications.	Pass

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

Christine Sumner

Christine Sumner
Production Scientist
08 Jun 2018

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
08 Jun 2018