

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Ultra™ DNA Library Prep Kit for Illumina®
Catalog Number: E7370L
Lot Number: 10045408
Expiration Date: 06/2020
Storage Temperature: -20°C
Specification Version: PS-E7370S/L v1.0

NEBNext® Ultra™ DNA Library Prep Kit for Illumina® Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7374AAVIAL	NEBNext® Ligation Enhancer	10033342	Pass
E7373AAVIAL	Blunt/TA Ligase Master Mix	10033341	Pass
E7372AAVIAL	NEBNext® End Repair Reaction Buffer	10033340	Pass
E7371AAVIAL	NEBNext® End Prep Enzyme Mix	10033339	Pass
E6625AAVIAL	NEBNext® Q5® Hot Start HiFi PCR Master Mix	10033343	Pass

Assay Name/Specification	Lot # 10045408
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™ 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
29 May 2019

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
29 May 2019