

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Ultra™ II FS DNA PCR-free Library Prep Kit for Illumina®
 Catalog Number: E7430G
 Packaging Lot Number: 10231211
 Expiration Date: 10/2024
 Storage Temperature: -20°C
 Specification Version: PS-E7430S/L/G v1.0

NEBNext® Ultra™ II FS DNA PCR-free Library Prep Kit for Illumina® Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7808GVIAL	TE Buffer	10231216	Pass
E7807GVIAL	NEBNext® Ultra™ II FS Reaction Buffer	10231213	Pass
E7806GVIAL	NEBNext® Ultra™ II FS Enzyme Mix	10231212	Pass
E7648GVIAL	NEBNext® Ultra™ II Ligation Master Mix	10231215	Pass
E7374GVIAL	NEBNext® Ligation Enhancer	10231214	Pass
E7139AAVIAL	DTT	10231217	Pass

Assay Name/Specification	Lot # 10231211
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® Ultra™ II FS DNA PCR-free Library Prep Kit for Illumina® and meet the designated specifications.</p>	Pass
<p>Functional Testing (Library Construction, Ultra™ II FS DNA PCR-free) 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 3 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 for additional information.

Christine Sumner

Christine Sumner
Production Scientist
27 Feb 2024

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
04 Mar 2024