

be INSPIRED *drive* DISCOVERY *stay* GENUINE

240 County Road Ipswich, MA 01938-2723 Tel 978-927-5054 Fax 978-921-1350 www.neb.com info@neb.com

New England Biolabs Certificate of Analysis

Product Name:	NEBNext® Ultra™ DNA Library Prep Kit for Illumina®
Catalog Number:	E7370L
Packaging Lot Number:	10193454
Expiration Date:	12/2024
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	10193459	Pass
E7373AAVIAL	Blunt/TA Ligase Master Mix	10193457	Pass
E7372AAVIAL	NEBNext® End Repair Reaction Buffer	10193456	Pass
E7371AAVIAL	NEBNext® End Prep Enzyme Mix	10193455	Pass
E6625AAVIAL	NEBNext® Q5® Hot Start HiFi PCR Master Mix	10193460	Pass

Assay Name/Specification	Lot # 10193454
* Individual Product Component Note	Pass
Standard Quality Control Tests are performed for each component included in NEBNext®	
Ultra [™] DNA Library Prep Kit for Illumina [®] and meet the designated specifications.	
Functional Testing (Library Construction, DNA)	Pass
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.	

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.





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Christine Sumner Production Scientist 06 Jul 2023

Michae m. l

Michael Tonello Packaging Quality Control Inspector 12 Jul 2023

