

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™ II RNA Library Prep Kit for Illumina®

Catalog Number: E7770S
Packaging Lot Number: 10050377
Expiration Date: 02/2021
Storage Temperature: -20°C

Specification Version: PS-E7770S/L v1.0

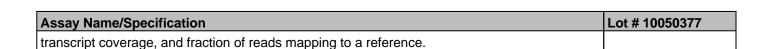
NEBNext® Ultra™ II RNA Library Prep Kit for Illumina® Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7764AVIAL	Nuclease Free Water	10050383	Pass
E7763AVIAL	0.1X TE	10050390	Pass
E7762AVIAL	NEBNext® Adaptor Dilution Buffer	10050389	Pass
E7761AVIAL	NEBNext® First Strand Synthesis Enzyme Mix	10050388	Pass
E7649AVIAL	NEBNext® Ultra™ II Q5® Master Mix	10050387	Pass
E7648AVIAL	NEBNext® Ultra™ II Ligation Master Mix	10050386	Pass
E7647AVIAL	NEBNext® Ultra™ II End Prep Reaction Buffer	10050385	Pass
E7646AVIAL	NEBNext® Ultra™ II End Prep Enzyme Mix	10050384	Pass
E7427AVIAL	NEBNext® Second Strand Synthesis Reaction Buffer, 10X	10050382	Pass
E7425AVIAL	NEBNext® Second Strand Synthesis Enzyme Mix	10050381	Pass
E7422AVIAL	Random Primers	10050380	Pass
E7421AVIAL	NEBNext® First Strand Synthesis Reaction Buffer	10050379	Pass
E7374AVIAL	NEBNext® Ligation Enhancer	10050378	Pass

Assay Name/Specification	Lot # 10050377
* Individual Product Component Note	Pass
Standard Quality Control Tests are performed for each component included in NEBNext®	
Ultra™ II RNA Library Prep Kit for Illumina® and meet the designated specifications.	
Functional Testing (Library Construction, RNA)	Pass
Each set of reagents is functionally validated and compared to the previous lot	
through construction of libraries made from commercially available RNA, using the	
kit's minimum and maximum input requirements. Libraries made from the previous and	
current lots for both input RNA amounts are sequenced together on the same Illumina	
flow cell and compared across various metrics including library yield, individual	
transcript abundance correlations (low vs. high input, old lot vs. new lot), 5'-3'	



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

Christine Sumner
Production Scientist

16 Oct 2019

Michael Tonello

Packaging Quality Control Inspector

18 Dec 2019

