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 #: E7770S/L

Kit Components: NEBNext® UltraTM II End Prep Enzyme Mix (E7646)

NEBNext® First Strand Synthesis Enzyme Mix (E7761)

NEBNext® Second Strand Synthesis Enzyme Mix (E7425)

NEBNext® Ligation Enhancer (E7374)

NEBNext® Ultra™ II End Prep Reaction Buffer (E7647) NEBNext® First Strand Synthesis Reaction Buffer (E7421) NEBNext® Second Strand Synthesis Reaction Buffer, 10X (E7427)

NEBNext® Ultra™ II Ligation Master Mix (E7648)

NEBNext® Adaptor Dilution Buffer (E7762)

0.1X TE (E7763) Random Primers (E7422) Nuclease Free Water (E7764)

 Lot #:
 0041707

 Assay Date:
 07/2017

 Expiration Date:
 01/2019

 Storage Temp:
 -20°C

Specification Version: PS-E7770S/L v1.0
Effective Date: 14 Nov 2017

Assay Name/Specification (minimum release criteria)	Lot #0041707
Functional Testing (Library Construction, RNA) - 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' transcript coverage, and fraction of reads mapping to a reference.	Pass
* Individual Product Component Note - Standard Quality Control Tests are performed for each component included in NEBNext® Ultra TM II RNA Library Prep Kit for Illumina® and meet the designated specifications.	Pass

Authorized by Christine Sumner

Christin Summ

14 Nov 2017

nqa.
ISO 9001
Registered
Quality
Env





Inspected by
Christine Sumner
14 Nov 2017

Christin Summ

E7770S/L Lot: 0041707