

*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

NEBNext® Ultra™ II RNA First Strand Synthesis Module
E7771L
10012540
12/2019
-20°C
PS-E7771S/L v1.0

NEBNext® Ultra™ II RNA First Strand Synthesis Module Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7766AAVIAL	NEBNext® Strand Specificity Reagent	10012544	Pass
E7761AAVIAL	NEBNext® First Strand Synthesis Enzyme Mix	10012543	Pass
E7422AAVIAL	Random Primers	10012542	Pass
E7421AAVIAL	NEBNext® First Strand Synthesis Reaction Buffer	10012541	Pass

Assay Name/Specification	Lot # 10012540
<b>Functional Testing (Library Construction, RNA)</b> 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™ II RNA First Strand Synthesis Module and meet the designated specifications.	Pass

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





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

notin-

Christine Sumner Production Scientist 12 Sep 2018

Michae ton l

Michael Tonello Packaging Quality Control Inspector 12 Sep 2018

