

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Ultra™ II RNA First Strand Synthesis Module
Catalog Number: E7771S
Lot Number: 10009569
Expiration Date: 07/2019
Storage Temperature: -20°C
Specification Version: 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
E7766AVIAL	NEBNext® Strand Specificity Reagent	0041801	Pass
E7761AVIAL	NEBNext® First Strand Synthesis Enzyme Mix	0031801	Pass
E7422AVIAL	Random Primers	0211801	Pass
E7421AVIAL	NEBNext® First Strand Synthesis Reaction Buffer	0161801	Pass

Assay Name/Specification	Lot # 10009569
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™ 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.

Christine Sumner

Christine Sumner
Production Scientist
23 May 2018

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
23 May 2018