

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Ultra™ II RNA First Strand Synthesis Module
Catalog Number: E7771S
Packaging Lot Number: 10272216
Expiration Date: 01/2026
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	10246665	Pass
E7761AVIAL	NEBNext® First Strand Synthesis Enzyme Mix	10246664	Pass
E7422AVIAL	Random Primers	10246663	Pass
E7421AVIAL	NEBNext® First Strand Synthesis Reaction Buffer	10246662	Pass

Assay Name/Specification	Lot # 10272216
<p>* 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.</p>	Pass
<p>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.</p>	Pass

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.

Christine Sumner

Christine Sumner
Production Scientist
16 Dec 2024

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
16 Dec 2024