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New England Biolabs Certificate of Analysis

Product Name: NEBNext® Ultra™ II RNA First Strand Synthesis Module

Catalog #: E7771S/L

Kit Components: NEBNext® First Strand Synthesis Enzyme Mix (E7761)

NEBNext® Strand Specificity Reagent (E7766)

Random Primers (E7422)

NEBNext® First Strand Synthesis Reaction Buffer (E7421)

 Lot #:
 0021707

 Assay Date:
 07/2017

 Expiration Date:
 01/2019

 Storage Temp:
 -20°C

Specification Version: PS-E7771S/L v1.0
Effective Date: 28 Jun 2017

Assay Name/Specification (minimum release criteria)	Lot #0021707
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

Authorized by Derek Robinson 28 Jun 2017







Inspected by Christine Sumner 21 Jul 2017

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