

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Ultra™ II Non-Directional RNA Second Strand Synthesis Module
Catalog Number: E6111S
Packaging Lot Number: 10265729
Expiration Date: 01/2027
Storage Temperature: -20°C
Specification Version: PS-E6111S/L v1.0

NEBNext® Ultra™ II Non-Directional RNA Second Strand Synthesis Module Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E6113AVIAL	NEBNext® Second Strand Synthesis Reaction Buffer	10265730	Pass
E6112AVIAL	NEBNext® Second Strand Synthesis Enzyme Mix	10265732	Pass

Assay Name/Specification	Lot # 10265729
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® Ultra II™ Non-Directional RNA Second 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 a previous lot through construction of libraries made from commercially available RNA, using the kit's minimum and maximum input requirements. Libraries made from 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
10 Feb 2025

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
27 Mar 2025