

New England Biolabs Product Specification

Product Name: NEBNext[®] RSV Primer Module
Catalog #: E9642S/L
Kit Components: NEBNext[®] RSV Primer Mix 1 (E9643)
NEBNext[®] RSV Primer Mix 2 (E9644)
Shelf Life: 24 months
Storage Temp: -20°C
Specification Version: PS-E9642S/L v1.0
Effective Date: 13 Sep 2024

Assay Name/Specification (minimum release criteria)

Functional Testing (cDNA Synthesis and FS DNA Library Construction) - Each set of reagents is functionally tested and compared to a previous lot through cDNA synthesis, amplification, and the construction of libraries. Commercially available genomic RNA inputs are used, following the module's recommended gRNA input requirements. For NEBNext UltraExpress[®] FS DNA library prep, a fragmentation time of 25 minutes is used. Libraries are made from amplicons generated with previous and current lots of NEBNext[®] RSV Primer Mixes, sequenced together on the same Illumina[®] flow cell, and compared across various metrics. These metrics include the fraction of reads aligning to the reference and overall genome coverage.

* **Individual Product Component Note** - Standard Quality Control Tests are performed for each component included in NEBNext[®] RSV Primer Module and meet the designated 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.



Date 13 Sep 2024

Lauren Brown
Quality Approver

