

New England Biolabs Product Specification

Product Name: NEBNext[®] dA-Tailing Module
Catalog #: E6053S/L
Kit Components: Klenow Fragment (3'→ 5' exo⁻) (E6054)
NEBNext[®] dA-Tailing Reaction Buffer (E6055)
Shelf Life: 24 months
Storage Temp: -20°C
Specification Version: PS-E6053S/L v1.0
Effective Date: 10 May 2018

Assay Name/Specification (minimum release criteria)

Functional Testing (Library Construction, DNA Modules) - Each set of reagents is functionally validated and compared to a previous lot through construction of DNA libraries. Libraries made from previous and current lots for the recommended input DNA amounts are sequenced together on the same Illumina[®] flow cell and compared across various metrics including library yield, fraction of reads aligning to the reference, GC bias, and insert size.

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



Date 10 May 2018

Derek Robinson
Director of Quality Control

