

New England Biolabs Product Specification

Product Name: NEBNext[®] Ultra[™] End Repair/dA-Tailing Module

Catalog #: E7442S/L

Kit Components: NEBNext[®] End Prep Enzyme Mix (E7371)
NEBNext[®] End Repair Reaction Buffer (E7372)

Shelf Life: 18 months

Storage Temp: -20°C

Specification Version: PS-E7442S/L v1.0

Effective Date: 22 Jun 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[®] Ultra[™] End Repair/dA-Tailing Module and meet the designated specifications.



Date 22 Jun 2018

Derek Robinson
Director of Quality Control

