

New England Biolabs Product Specification

Product Name: NEBNext[®] Ultra[™] Ligation Module
Catalog #: E7445S/L
Kit Components: Blunt/TA Ligase Master Mix (E7373)
NEBNext[®] Ligation Enhancer (E7374)

Shelf Life: 18 months
Storage Temp: -20°C
Specification Version: PS-E7445S/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[™] Ligation Module and meet the designated specifications.



Date 22 Jun 2018

Derek Robinson
Director of Quality Control

