

New England Biolabs Product Specification

Product Name: Blunt/TA Ligase Master Mix
Catalog #: M0367S/L
Concentration: 2X Concentrate
Shelf Life: 24 months
Storage Temp: -20°C
Composition (1X): Proprietary
Specification Version: PS-M0367S/L v2.0
Effective Date: 02 Oct 2018

Assay Name/Specification (minimum release criteria)

Functional Testing (Ligation and Transformation) - LITMUS 28 vector is cut with EcoRV (blunt), treated with calf intestinal phosphatase and gel purified. Blunt inserts from a HaeIII digest of PhiX174 DNA are ligated into the vector at a 3:1 insert:vector ratio using the Blunt/TA Ligase Master Mix protocol. Ligation products are transformed as described. Each lot produces $>1 \times 10^7$ recircularized transformants/ μg and $>2.5 \times 10^6$ inserted transformants/ μg .



Date 02 Oct 2018

Derek Robinson
Director of Quality Control

