

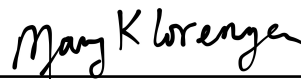
New England Biolabs Certificate of Analysis

Product Name: Instant Sticky-end Ligase Master Mix
Catalog #: M0370S/L
Concentration: 2X Concentrate
Lot #: 0161803
Assay Date: 03/2018
Expiration Date: 03/2020
Storage Temp: -20°C
Composition (1X): Proprietary
Specification Version: PS-M0370S/L v1.0
Effective Date: 27 Apr 2018

Assay Name/Specification (minimum release criteria)	Lot #0161803
Functional Testing (Ligation and Transformation) - pUC19 vector is cut with HindIII (cohesive), treated with calf intestinal phosphatase and gel purified. Cohesive inserts from a HindIII digest of Lambda DNA are ligated into the vector at a 3:1 insert:vector ratio using the Instant Sticky-end 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 .	Pass



Authorized by
Derek Robinson
27 Apr 2018



Inspected by
Mary Lorenzen
28 Mar 2018

