

New England Biolabs Certificate of Analysis

Product Name: *Instant Sticky-end Ligase Master Mix*
Catalog Number: *M0370L*
Concentration: *2 X Concentrate*
Packaging Lot Number: *10245776*
Expiration Date: *08/2025*
Storage Temperature: *-20°C*
Specification Version: *PS-M0370S/L v1.0*
Composition (1X): *Proprietary*

Instant Sticky-end Ligase Master Mix Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
M0370LVIAL	Instant Sticky-end Ligase Master Mix	10200273	Pass

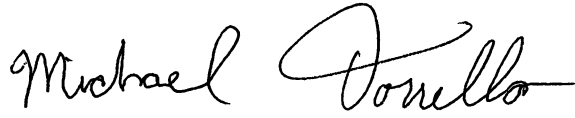
Assay Name/Specification	Lot # 10245776
Functional Testing (Ligation and Transformation) pUC19 vector is cut with HindIII (cohesive), treated with calf intestinal phosphatase and gel purified. Cohesive inserts from a HindIII digest of Lambda DNA are ligated into the vector at a 3:1 insert:vector ratio using the Instant Sticky-end Ligase Master Mix protocol. Ligation products are transformed as described. Each lot produces >1 x 10 ⁷ recircularized transformants/μg and >2.5 x 10 ⁶ inserted transformants/μg.	Pass

This product has been tested and shown to be in compliance with all specifications.

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Production Scientist
28 Aug 2023



Michael Tonello
Packaging Quality Control Inspector
03 Jun 2024