

New England Biolabs Certificate of Analysis

Product Name: Instant Sticky-end Ligase Master Mix
Catalog Number: M0370L
Concentration: 2 X Concentrate
Packaging Lot Number: 10272455
Expiration Date: 05/2026
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	10241158	Pass

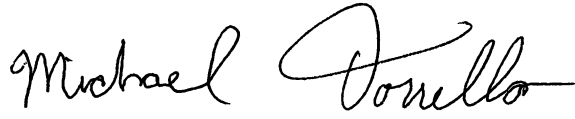
Assay Name/Specification	Lot # 10272455
Functional Testing (Ligation and Transformation) pUC19 vector is cut with HindIII (cohesive), treated with calf intestinal phosphatase and gel purified. Cohesive inserts from a HindIII digest of Lambda DNA are ligated into the vector at a 3:1 insert:vector ratio 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
17 Jun 2024



Michael Tonello
Packaging Quality Control Inspector
26 Dec 2024