

New England Biolabs Certificate of Analysis

Product Name: Instant Sticky-end Ligase Master Mix
Catalog Number: M0370L
Concentration: 2 X Concentrate
Packaging Lot Number: 10246823
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 |

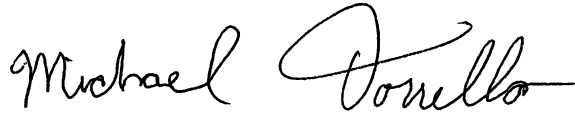
| Assay Name/Specification | Lot # 10246823 |
|--|----------------|
| Functional Testing (Ligation and Transformation) pUC19 vector is cut with HindIII (cohesive), treated with calf intestinal phosphatase and gel purified. Cohesive inserts from a HindIII digest of Lambda DNA are ligated into the vector 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.

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.



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17 Jun 2024



Michael Tonello
Packaging Quality Control Inspector
20 Jun 2024