

New England Biolabs Certificate of Analysis

Product Name: Instant Sticky-end Ligase Master Mix
Catalog Number: M0370S
Concentration: 2 X Concentrate
Packaging Lot Number: 10226653
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
M0370SVIAL	Instant Sticky-end Ligase Master Mix	10200272	Pass

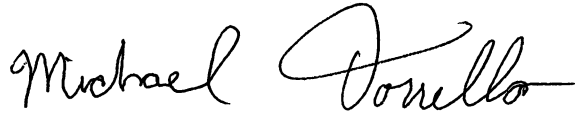
Assay Name/Specification	Lot # 10226653
Functional Testing (Ligation and Transformation) pUC19 vector is cut with HindIII (cohesive), treated with calf intestinal phosphatase and gel purified. Cohesive inserts from a HindIII digest of Lambda DNA are ligated into the vector at a 3:1 insert:vector ratio 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.



Alison Dolan
Production Scientist
28 Aug 2023



Michael Tonello
Packaging Quality Control Inspector
15 Feb 2024