

New England Biolabs Certificate of Analysis

Product Name: *Instant Sticky-end Ligase Master Mix*
 Catalog Number: *M0370S*
 Concentration: *2 X Concentrate*
 Lot Number: *10035065*
 Expiration Date: *02/2021*
 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	10035066	Pass

Assay Name/Specification	Lot # 10035065
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

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



Mary Lorenzen
Production Scientist
27 Feb 2019



Michael Tonello
Packaging Quality Control Inspector
04 Mar 2019