

## New England Biolabs Certificate of Analysis

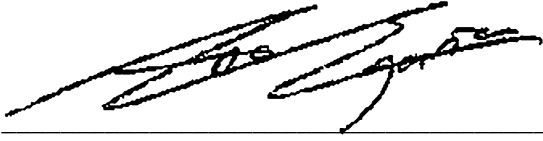
**Product Name:** *Instant Sticky-end Ligase Master Mix*  
**Catalog Number:** *M0370S*  
**Concentration:** *2 X Concentrate*  
**Packaging Lot Number:** *10079384*  
**Expiration Date:** *08/2022*  
**Storage Temperature:** *-20°C*  
**Specification Version:** *PS-M0370S/L v1.0*  
**Composition (1X):** *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	10079383	Pass

Assay Name/Specification	Lot # 10079384
<b>Functional Testing (Ligation and Transformation)</b> 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 <sup>7</sup> recircularized transformants/μg and >2.5 x 10 <sup>6</sup> 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](http://www.neb.com/trademarks) for additional information.



Ana Egana  
Production Scientist  
24 Aug 2020



Josh Hersey  
Packaging Quality Control Inspector  
24 Aug 2020