

## New England Biolabs Certificate of Analysis

*Product Name:* Instant Sticky-end Ligase Master Mix  
*Catalog Number:* M0370S  
*Concentration:* 2 X Concentrate  
*Packaging Lot Number:* 10268545  
*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
M0370SVIAL	Instant Sticky-end Ligase Master Mix	10241157	Pass

Assay Name/Specification	Lot # 10268545
<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.	<b>Pass</b>

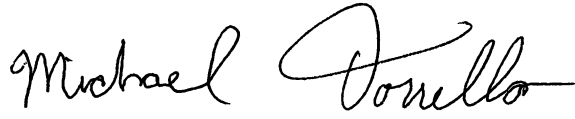
This product has been tested and shown to be in compliance with all specifications.

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17 Jun 2024



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23 Jan 2025