

## New England Biolabs Certificate of Analysis

**Product Name:** Instant Sticky-end Ligase Master Mix  
**Catalog Number:** M0370S  
**Concentration:** 2 X Concentrate  
**Packaging Lot Number:** 10195895  
**Expiration Date:** 02/2025  
**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	10179053	Pass

Assay Name/Specification	Lot # 10195895
<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.

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02 Feb 2023

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10 Jul 2023