

## New England Biolabs Certificate of Analysis

**Product Name:** *Blunt/TA Ligase Master Mix*  
**Catalog Number:** *M0367L*  
**Concentration:** *2 X Concentrate*  
**Packaging Lot Number:** *10247112*  
**Expiration Date:** *05/2026*  
**Storage Temperature:** *-20°C*  
**Specification Version:** *PS-M0367S/L v2.0*  
**Composition (1X):** *Proprietary*

Blunt/TA Ligase Master Mix Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
M0367LVIAL	Blunt/TA Ligase Master Mix	10238669	Pass

Assay Name/Specification	Lot # 10247112
<b>Functional Testing (Ligation and Transformation)</b> LITMUS 28 vector is cut with EcoRV (blunt), treated with calf intestinal phosphatase and gel purified. Blunt inserts from a HaeIII digest of PhiX174 DNA are ligated into the vector at a 3:1 insert:vector ratio using the Blunt/TA 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.

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29 May 2024



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