

## New England Biolabs Certificate of Analysis

Product Name: *Blunt/TA Ligase Master Mix*  
 Catalog Number: *M0367L*  
 Concentration: *2 X Concentrate*  
 Packaging Lot Number: *10204823*  
 Expiration Date: *04/2025*  
 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	10180807	Pass

Assay Name/Specification	Lot # 10204823
<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.

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.



Mary Lorenzen  
Production Scientist  
05 Apr 2023



Michael Tonello  
Packaging Quality Control Inspector  
21 Sep 2023