

New England Biolabs Certificate of Analysis

Product Name: *Blunt/TA Ligase Master Mix*
 Catalog Number: *M0367L*
 Concentration: *2 X Concentrate*
 Packaging Lot Number: *10163940*
 Expiration Date: *08/2024*
 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	10153900	Pass

Assay Name/Specification	Lot # 10163940
Functional Testing (Ligation and Transformation) 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 ⁷ recircularized transformants/μg and >2.5 x 10 ⁶ inserted transformants/μg.	Pass

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

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Production Scientist
08 Aug 2022



Michael Tonello
Packaging Quality Control Inspector
27 Sep 2022