

New England Biolabs Certificate of Analysis

Product Name: Electroligase®
Catalog Number: M0369S
Packaging Lot Number: 10247891
Expiration Date: 05/2026
Storage Temperature: -20°C
Specification Version: PS-M0369S v1.0

Electroligase® Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
M0369SVIAL	Electroligase®	10243691	Pass
B0369SVIAL	2X ElectroLigase® Reaction Buffer	10243692	Pass

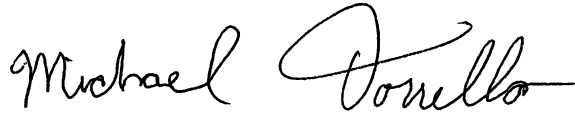
Assay Name/Specification	Lot # 10247891
<p>Functional Testing (Ligation and Transformation) pUC19 vector is cut with HindIII (cohesive), treated with calf intestinal phosphatase and gel purified. Cohesive inserts from a HindIII digest of Lambda DNA are ligated into the vector at a 3:1 insert:vector ratio using the ElectroLigase® protocol. Ligation products are transformed as described. Each lot produces >1 x 10⁷ recircularized transformants/μg and >1 x 10⁷ inserted transformants/μg.</p>	Pass
<p>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 ElectroLigase® protocol. Ligation products are transformed as described. Each lot produces >1 x 10⁷ recircularized transformants/μg and >2.5 x 10⁶ inserted transformants/μg.</p>	Pass

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

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Alison Dolan
Production Scientist
07 Jun 2024



Michael Tonello
Packaging Quality Control Inspector
22 Jul 2024