

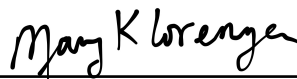
New England Biolabs Certificate of Analysis

Product Name: *ElectroLigase*[®]
 Catalog #: M0369S
 Lot #: 0141804
 Assay Date: 04/2018
 Expiration Date: 04/2020
 Storage Temp: -20°C
 Specification Version: PS-M0369S v1.0
 Effective Date: 27 Apr 2018

| Assay Name/Specification (minimum release criteria) | Lot #0141804 |
|---|--------------|
| <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 |
| <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 |



Authorized by
Derek Robinson
27 Apr 2018



Inspected by
Mary Lorenzen
06 Apr 2018

