

New England Biolabs Certificate of Analysis

Product Name: Gibson Assembly® Master Mix
 Catalog Number: E2611S
 Lot Number: 10037181
 Expiration Date: 02/2020
 Storage Temperature: -20°C
 Specification Version: PS-E2611S/L v1.0

Gibson Assembly® Master Mix Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N2611AVIAL	Gibson Assembly® Positive Control	10033510	Pass
M5510AVIAL	Gibson Assembly® Master Mix	10033505	Pass

Assay Name/Specification	Lot # 10037181
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in Gibson Assembly® Master Mix and meet the designated specifications.</p>	Pass
<p>Functional Testing (Gibson Assembly) A 20 µl reaction containing 10 µl of 2X Gibson Assembly Master Mix and six 0.05 pmol fragments of pUC19 (five 400 bp fragments and one 2,780 bp fragment, each with a 40 bp overlap) is incubated at 50°C for 60 minutes. Transformation of NEB 5-alpha competent E. coli cells (NEB #C2987) with 2 µl of the master mix/fragment mixture yields greater than 100 white colonies on an ampicillin plate with IPTG/X-Gal after overnight incubation at 37°C.</p>	Pass

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

Cathy Shea

Cathy Shea
Production Scientist
21 Feb 2019

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
20 Mar 2019