

## New England Biolabs Certificate of Analysis

Product Name: NEB® Express Iq Competent E. coli (High Efficiency)

 Catalog #:
 C3037H/I

 Lot #:
 0061611

 Assay Date:
 11/2016

 Expiration Date:
 11/2018

 Storage Temp:
 -80°C

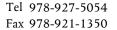
Specification Version: PS-C3037I v1.0
Effective Date: 07 Jul 2016

Assay Name/Specification (minimum release criteria)	Lot #0061611
Antibiotic Resistance (Chloramphenicol) - 15 µl of untransformed NEB® Express Iq Competent <i>E. coli</i> (High Efficiency) streaked onto a Rich Broth plate containing Chloramphenicol will form colonies after incubation for 16 hours at 37°C.	Pass
Antibiotic Resistance (Nitrofurantoin) - 15 µl of untransformed NEB® Express Iq Competent <i>E. coli</i> (High Efficiency) streaked onto a Rich Broth plate containing Nitrofurantoin will form colonies after incubation for 16 hours at 37°C.	Pass
Antibiotic Sensitivity (Ampicillin) - 15 µl of untransformed NEB® Express Iq Competent <i>E. coli</i> (High Efficiency) streaked onto a Rich Broth plate containing Ampicillin will not form colonies after incubation for 16 hours at 37°C.	Pass
Antibiotic Sensitivity (Kanamycin) - 15 µl of untransformed NEB® Express Iq Competent <i>E. coli</i> (High Efficiency) streaked onto a Rich Broth plate containing Kanamycin will not form colonies after incubation for 16 hours at 37°C.	Pass
Antibiotic Sensitivity (Spectinomycin) - 15 µl of untransformed NEB® Express Iq Competent <i>E. coli</i> (High Efficiency) streaked onto a Rich Broth plate containing Spectinomycin will not form colonies after incubation for 16 hours at 37°C.	Pass
Antibiotic Sensitivity (Streptomycin) - 15 µl of untransformed NEB® Express Iq Competent <i>E. coli</i> (High Efficiency) streaked onto a Rich Broth plate containing Streptomycin will not form colonies after incubation for 16 hours at 37°C.	Pass
Antibiotic Sensitivity (Tetracycline) - 15 $\mu$ l of untransformed NEB® Express Iq Competent <i>E. coli</i> (High Efficiency) streaked onto a Rich Broth plate containing Tetracycline will not form colonies after incubation for 16 hours at 37°C.	Pass









www.neb.com info@neb.com

## New England Biolabs Certificate of Analysis

Assay Name/Specification (minimum release criteria)	Lot #0061611
Phage Resistance ( $\Phi$ 80) - 15 $\mu$ l of untransformed NEB® Express Iq Competent <i>E. coli</i> (High Efficiency) streaked onto a Rich Broth plate does not support plaque formation by phage $\Phi$ 80 after incubation for 16 hours at 37°C.	Pass
<b>Transformation Efficiency</b> - 50 $\mu$ l of NEB® Express Iq Competent <i>E. coli</i> (High Efficiency) cells were transformed with 100 pg of pUC19 DNA using the transformation protocol provided. Incubation overnight on LB -Ampicillin plates at 37°C resulted in >0.6 x 10e9 cfu/ $\mu$ g of DNA.	Pass

Authorized by Derek Robinson 07 Jul 2016







Inspected by Lixin An 14 Nov 2016