Assay Name/Specification (minimum release criteria) | Lot #0131801  
---|---  
**Antibiotic Sensitivity (Ampicillin)** - 15 µl of untransformed NiCo21(DE3) Competent E. coli streaked onto a Rich Broth plate containing Ampicillin will not form colonies after incubation for 16 hours at 37°C. | Pass  
**Antibiotic Sensitivity (Chloramphenicol)** - 15 µl of untransformed NiCo21(DE3) Competent E. coli streaked onto a Rich Broth plate containing Chloramphenicol will not form colonies after incubation for 16 hours at 37°C. | Pass  
**Antibiotic Sensitivity (Kanamycin)** - 15 µl of untransformed NiCo21(DE3) Competent E. coli 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 NiCo21(DE3) Competent E. coli 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 NiCo21(DE3) Competent E. coli 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 µl of untransformed NiCo21(DE3) Competent E. coli streaked onto a Rich Broth plate containing Tetracycline will not form colonies after incubation for 16 hours at 37°C. | Pass  
**Phage Resistance (Φ 80)** - 15 µl of untransformed NiCo21(DE3) Competent E. coli streaked onto a Rich Broth plate does not support plaque formation by phage Φ 80 after incubation for 16 hours at 37°C. | Pass  
**Transformation Efficiency** - 50 µl of NiCo21(DE3) Competent E. coli 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 >1 x 10e7 cfu/µg of DNA. | Pass

Authorized by  
Derek Robinson  
13 Dec 2016

Inspected by  
Lixin An  
25 Jan 2018