64438

DH5a Competent Cells for Subcloning

Part E

Specifications

Antibiotic Sensitivity (Positive)	DH5? Competent cells, 10µl were streaked into a LB Agar plate containing Nalidixic acid, will form colonies after incubation for overnight at 37°C.
Antibiotic Sensitivity (Negative)	DH5? Competent cells, 10µl were streaked into a LB Agar plate containing Ampicillin, will not form colonies after incubation for overnight at 37°C.
Blue - White Screening	DH5? Competent cells were shown to be suitable for blue white screening by ? - complementation of the ? - galactosidase gene using pUC19.
Transformation Efficiency	DH5? Competent cells, 50 µl were transformed with 200pg of pUC19 DNA using standard protocol. Incubation overnight on LB Agar plates shown >=1x 10^6 cfu/µg of DNA.

Other Information

Description	DH5? Competent Cells are ideal cells that are made efficient chemically for transformation techniques. They are recommended for routine subcloning into plasmid vectors giving a transformation efficiency of ?1 × 10Ã¢Â•Â¶cfu/?g. Subcloning efficiency cells are not suitable for the generation of cDNA libraries. The ?80dlacZ?M15 marker provides ?-complementation of the ?-galactosidase gene from pUC or similar vectors to allow blue/white colony screening on bacterial agar plates containing X-Gal and similar chemicals.
Includes	2x 0.1ml DH5? Competent cells - 2 X 0.1ml pUC19 (10ng/?l) - 50 ?l 4x 0.5ml DH5? Competent cells - 4 X 0.5ml pUC19 (10ng/?l) - 100 ?l

General Information

Storage	-20 °C (Blue/Dry Ice)
Shelf Life	6 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
2 x0.1 ml	38229090 (GST 12%)

4 x0.5 ml	38229090 (GST 12%)

Available Packages

2 x0.1 ml
4 x0.5 ml