Chemically Competent Cells

Alba Balletbó¹
¹Wageningen University

iGEM Wageningen 2019

MATERIALS

CaCl₂ Contributed by users
LB medium Contributed by users Catalog #/
PROTOCOL integer ID: 27990

1. Culture desired strain O/N 0.5 mL/50 mL LB in a Greiner tube.

2. Grow to OD600 0.6 in 0.1/10 mL LB.

3. Centrifuge at 8000rpm for 5 minutes.

4. Resuspend in 5mL ice-cold CaCl$_2$.

5. Distribute 1.5 mL over 3 Eppendorfs and spin for 30 seconds, 8000rpm.

6. Resuspend pellet in 0.5 mL ice-cold CaCl$_2$, flick the tube gently.

7. Aliquot into 50µL Cryo-tubes and store at -80°C until transformation.