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Chemically Competent Cells

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Protocol status: Working
We use this protocol and it's working

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Keywords: competent cell, cell

Materials

MATERIALS

CaCl2

LB medium **Catalog #/**

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 -80ºC until transformation.