

Sep 23, 2019

Chemically Competent Cells

DOI

<https://dx.doi.org/10.17504/protocols.io.7jwhkpe>

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iGEM Wageningen 2019



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Protocol Citation: Alba Balletbó 2019. Chemically Competent Cells. **protocols.io**

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Protocol status: Working

We use this protocol and it's working



Created: September 23, 2019

Last Modified: September 23, 2019

Protocol Integer ID: 27990

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