



Sep 22, 2019

## Chemically Competent Cells

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Works for me

[dx.doi.org/10.17504/protocols.io.7jwhkpe](https://doi.org/10.17504/protocols.io.7jwhkpe)

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### MATERIALS

NAME ▾

CATALOG # ▾

VENDOR ▾

[CaCl<sub>2</sub>](#)[LB medium](#)

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- 1 Culture desired strain O/N 0.5 mL/50 mL LB in a Greiner tube.
- 2 Grow to OD<sub>600</sub> 0.6 in 0.1/10 mL LB.
- 3 Centrifuge at 8000rpm for 5 minutes.
- 4 Resuspend in 5mL ice-cold CaCl<sub>2</sub>.
- 5 Distribute 1.5 mL over 3 Eppendorfs and spin for 30 seconds, 8000rpm.
- 6 Resuspend pellet in 0.5 mL ice-cold CaCl<sub>2</sub>, flick the tube gently.
- 7 Aliquot into 50µL Cryo-tubes and store at -80°C until transformation.



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