

Transformation of chemically competent *E. coli*

From BL21 DE3 competent cells:

1. Transfer 0.1 mL of competent cells to a 15 mL ice-cold tube.
2. Add 2-5 μ L of plasmid. Total quantities processed: 0.2 / 0.02 / 0.002 ng
3. Incubate 15 minutes on ice.
4. Make a heat shock at 42 ° C 1 minute.
5. Put on ice 5 minutes.
6. Add 900 μ L of 2YT medium without antibiotics.
7. Incubate for 1 hour at 37 ° C with stirring.
8. Spread 100 μ L of cells on LB + AMP medium.
9. Centrifuge the remainder (900 μ L), resuspend in 100 μ L and spread.
10. Incubate overnight at 37 ° C.