

***E. coli* Transformation:**

1. Thaw the competent cells on ice for 5-10 mins.
2. Take out 100 μ l of cells / transformation
3. Add DNA and incubate on ice for 30 mins.
4. Heat shock at 42⁰C for 45 seconds
5. Incubate back on ice for 2 mins.
6. Add 1 ml of LB and incubate at 37⁰C for 1 hr
7. Harvest and plate on selective plates and incubate them at 37⁰C for 8-10 hrs.