

Bacteria Cell Lysis Protocol

We used liquid nitrogen for bacteria cell lysis.

Procedure

Step1. Take 1 mL bacteria solution into 1.5 mL tubes. Centrifuge at 8000 rpm for 5 min to collect cells.

Step2. Resuspend the cells with 1 mL 1X PBS. Centrifuge at 8000 rpm for 5 min and discard the supernatant.

Step3. Resuspend the cells with 100 μ L 1X PBS.

Step4. Put tubes containing the PBS-resuspended cells into liquid nitrogen for about 30 s.

Step5. Put tubes containing the PBS-resuspended cells into 37 °C water bath for about 2 min.

Step6. Repeat step 4 and 5 about 10 times.