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Freezing Cells for Long Term Storage

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Procedure

1. Rinse one 100% confluent 10cm plate of MCF7 cells with 10 mL of PBS.
2. Add 2mL of Trypsin to cells and incubate the plate for 5min at 37C.
3. Add 8mL of fresh DMEM (Dulbecco's Modified Eagle Medium) to the plate and transfer 10mL of cells to 15mL conical tube.
4. Spin cells at 600 x g for 5 min.
5. Re-suspend cells pellet in 10mL of Freeze Media.
6. Aliquot into 1 mL aliquots
(Use special freeze tubes, since cells will be stored in liquid nitrogen).
7. Place aliquots of cells at -80C for couple of days, then transfer tubes to liquid nitrogen.

Solutions

Freeze Media

19mL DMEM
5mL DMSO
0.5mL P/S
0.5mL Glu
25mL FBS

