Freezing and storing bacterial cells

• Inoculate 2 ml LB (or another appropriate medium) with a single colony from a plate and grow 12-14 h at 37°C.
• Mix 1700 µl of the culture with 300 µl glycerol to get 15% glycerol and incubate for 1h at RT with slight agitation.
• Aliquot 200 µl each in closely sealing microcentrifuge tubes (ideally screw capped with rubber sealing), freeze in liquid N₂, and store at -75°C or in liquid N₂.
• Stocks prepared in this way are viable for several years.

Freezing and storing yeast cells

• Inoculate 2 ml YPD (or another appropriate medium) with a single colony from a plate and grow 14-16 h at 30°C.
• Mix 1500 µl of the culture with 1500 µl glycerol to get 50% glycerol and incubate for 1h at RT with slight agitation.
• Aliquot 200 µl each in closely sealing microcentrifuge tubes (ideally screw capped with rubber sealing), freeze in liquid N₂, and store at -75°C or in liquid N₂.
• Stocks prepared in this way are viable for several years.

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