

Phaeodactylum tricornutum *cryopreservation*

1. Centrifuge 1 to 10 ml of diatoms culture in exponential phase at 3500 rpm
2. Resuspend the pellet in 900 ul f/2 –Si medium + 100 ul DMSO (10% final)
3. Let stay the sample 1 h at 4 °C and 1 h at -20
4. Store a t -80 °C (Thawing protocol)
5. Thaw the sample on ice
6. Put in 20 ml of f/2 –Si medium
7. The culture will recover in 2 weeks

Monia Teresa Russo, Angela Falciatore
Stazione Zoologica A. Dohrn, Napoli, Italy

Cell culture medium: f/2-Si
Reagents: DMSO
