

Cells can be carried by monthly transfer on slants of Vogel's medium N plus 2% (w/v) mannitol, 0.75% (w/v) yeast extract, 0.75% (w/v) nutrient broth, and 1.5% (w/v) agar. We routinely maintain them in liquid culture (above medium minus agar), gently shaking at 150 RPM, 30°C, diluting 1ml into 50ml of fresh medium every 1-3 days (in 250ml Erlenmeyer flasks). We have successfully frozen and recovered them as follows: (after glycens)

Mix 1ml of a 2 day liquid culture with 0.5ml of sterile glycerol in a screw cap culture tube.

Place in a styrofoam box and place the box in a -76°C freezer. This results in slow freezing which could be important.

Thaw by agitation in a 30°C water bath. Inoculate directly into 50 ml of liquid medium.