Cultivation and perservation tips

Prepare the growth medium in test tubes with silicon rubber stoppers, or tubes screwed caps on loosely. During cultivation at high temperature (80-90C), check the culture daily if it evaporates. A fully grown culture may lose viability at room temperature in one week. It may be resuscitable longer when it is maintained at 4 C.

Method of reviving from an L-dried ampoule

Prepare three tubes containing a fresh culture medium (5-10 ml) and label the tubes 'No. 1', 'No. 2' and 'No. 3'. Crack the ampoule, and suspend L-dried cells at the bottom of the ampoule in 0.5 ml of the fresh medium. Transfer the cell suspension to tube No. 1. Mix in tube No. 1, and transfer 0.5 ml of the diluted suspension to tube No. 2. Then, mix in tube No. 2 and transfer 0.5 ml of the dilutent to tube No. 3. Incubate all tubes without shaking for 1-3 days.

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