

Alternative growth media other than JCM Medium No. 244

(1)

Bacto marine broth 2216 (Difco)	37.4 g
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> -5H <sub>2</sub> O	1.0 g
Distilled water	1.0 L

Separately sterilize a solution of Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>-5H<sub>2</sub>O by filtration, and aseptically add to the medium.

(2) JXTm medium (for high yield)

Tryptone	1.0 g
Yeast extract	1.0 g
NaCl	28.15 g
KCl	0.67 g
MgCl <sub>2</sub> -6H <sub>2</sub> O	5.51 g
MgSO <sub>4</sub> -7H <sub>2</sub> O	6.92 g
CaCl <sub>2</sub> -2H <sub>2</sub> O	1.45 g
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> -5H <sub>2</sub> O	1.0 g
Distilled water	1.0 L

Adjust pH to 7.0.

Method of reviving from a L-dried ampoule

Prepare three tubes containing a fresh growth medium (5 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 diluent to tube No. 3. Incubate all tubes without shaking for 3 to 7 days. Growth will occur, at least, in tubes No. 2 and No. 3.

For further information, please contact:  
Takashi ITOH, Ph. D.  
TEL: +81-29-836-9563  
FAX: +81-29-836-9562  
E-mail: ito@jcm.riken.jp