

1106. SPOROSALIBACTERIUM MEDIUM

NaCl	40.0	g
NH ₄ Cl	1.0	g
KCl	0.5	g
CaCl ₂ x 2 H ₂ O	0.2	g
Yeast extract	2.0	g
Trypticase peptone (BD BBL)	2.0	g
Na-resazurin solution (0.1% w/v)	0.5	ml
MgCl ₂ x 6 H ₂ O	3.0	g
NaHCO ₃	2.0	g
D-Glucose	3.6	g
L-Cysteine-HCl x H ₂ O	0.5	g
Na ₂ S x 9 H ₂ O	0.5	g
Distilled water	1000.0	ml

Dissolve ingredients (except magnesium chloride, bicarbonate, glucose and reducing agents) and sparge medium with 80% N₂ and 20% CO₂ gas mixture for 30 -45 min to make it anoxic. Dispense medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add magnesium chloride, glucose, cysteine and sulfide from sterile anoxic stock solutions prepared under 100% N₂ gas and bicarbonate from a sterile anoxic stock solution prepared under 80% N₂ and 20% CO₂ gas mixture. The glucose solution should be sterilized by filtration. Adjust pH of complete medium to 6.8 - 7.0, if necessary.