

**Main sol. 1106**

NaCl	40.00	g
NH <sub>4</sub> Cl	1.00	g
KCl	0.50	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	0.20	g
Yeast extract	2.00	g
Trypticase peptone (BD BBL)	2.00	g
Sodium resazurin (0.1% w/v)	0.50	ml
MgCl <sub>2</sub> x 6 H <sub>2</sub> O	3.00	g
Na <sub>2</sub> CO <sub>3</sub>	1.00	g
D-Glucose	3.60	g
L-Cysteine HCl x H <sub>2</sub> O	0.50	g
Na <sub>2</sub> S x 9 H <sub>2</sub> O	0.50	g
Distilled water	1000.00	ml

Dissolve ingredients (except magnesium chloride, carbonate, glucose and reducing agents) and sparge medium with 80% N<sub>2</sub> and 20% CO<sub>2</sub> 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% N<sub>2</sub> gas and carbonate from a sterile anoxic stock solution prepared under 80% N<sub>2</sub> and 20% CO<sub>2</sub> gas mixture. The glucose solution should be sterilized by filtration. Adjust pH of complete medium to 6.8 - 7.0, if necessary.