

**1248: KOSMOTOGA SHENGLIENSIS MEDIUM**

NaCl	18.00	g
KCl	0.34	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	3.45	g
K <sub>2</sub> HPO <sub>4</sub>	0.14	g
NH <sub>4</sub> Cl	0.25	g
Na-acetate	1.00	g
Yeast extract	2.00	g
Sodium resazurin (0.1% w/v)	0.50	ml
L-Cysteine HCl x H <sub>2</sub> O	0.50	g
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> x 5 H <sub>2</sub> O	2.50	g
D-Glucose	10.00	g
Distilled water	1000.00	ml

Dissolve ingredients except cysteine, thiosulfate and glucose. Sparge medium with 100% N<sub>2</sub> gas for 30 - 45 min to make it anoxic, then add cysteine and adjust pH to 6.8 - 7.2. Dispense medium under 100% N<sub>2</sub> gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add thiosulfate and glucose from anoxic stock solutions prepared under 100% N<sub>2</sub> gas and sterilized by filtration. Adjust pH of complete medium to 7.0, if necessary.