

**896. DESULFOVIBRIO MAGNETICUS MEDIUM**

KH <sub>2</sub> PO <sub>4</sub>	0.20	g
NH <sub>4</sub> Cl	0.06	g
Fe(III)quinate solution (see medium 380)	2.00	ml
Trace elements (see medium 141)	4.00	ml
Vitamin solution (see medium 141)	8.00	ml
Na <sub>2</sub> -fumarate	0.58	g
Na-pyruvate	0.44	g
L-Cysteine-HCl x H <sub>2</sub> O	0.05	g
Distilled water	1000.00	ml

Dissolve ingredients except cysteine, adjust pH to 7.2 and sparge medium with 100% N<sub>2</sub> gas for 30 – 45 min to make it anoxic. Dispense medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Prior to inoculation add cysteine from a sterile anoxic stock solution prepared under 100% N<sub>2</sub> gas. Adjust pH of complete medium to 7.0, if necessary.