

**1697. THIOSOCIUS MEDIUM**

NaCl	16.00	g
Na <sub>2</sub> SO <sub>4</sub>	2.50	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	1.00	g
KCl	0.45	g
NH <sub>4</sub> Cl	0.25	g
K <sub>2</sub> HPO <sub>4</sub>	0.14	g
Trace element solution (see medium 1369)	1.00	ml
HEPES buffer (1 M, pH 8.0)	20.00	ml
MgCl <sub>2</sub> x 6 H <sub>2</sub> O	6.00	g
NaHCO <sub>3</sub>	1.00	g
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> x 5 H <sub>2</sub> O	2.50	g
Vitamin solution (see medium 141)	10.00	ml
Distilled water	1000.00	ml

Dissolve ingredients (except HEPES buffer, magnesium chloride, bicarbonate, thiosulfate and vitamins), dispense medium in test tubes or Erlenmeyer flasks to 20% of volume, close with screw caps and autoclave. Add HEPES buffer, magnesium chloride, bicarbonate, thiosulfate and vitamins to the autoclaved medium from sterile stock solutions sterilized by filtration. Adjust pH of complete medium to 8.0.