

**35a. THIOMONAS MEDIUM****Soution A:**

NH <sub>4</sub> Cl	0.10	g
KH <sub>2</sub> PO <sub>4</sub>	3.00	g
Agar (for solid medium)	20.00	g
Distilled water	900.00	ml

Adjust pH to 6.0 with NaOH.

**Solution B:**

MgCl <sub>2</sub> x 6 H <sub>2</sub> O	0.10	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	0.14	g
Distilled water	100.00	ml

**Solution C:**

Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> x 5 H <sub>2</sub> O	5.00	g
Distilled water	20.00	ml

**Solution D:**

Yeast extract	1.00	g
Distilled water	10.00	ml

Solutions *A*, *B* and *D* are sterilized separately by autoclaving. Solution *C* is sterilized by filtration. After autoclaving the solutions *A* and *B* are combined and then supplemented with the sterile solutions *C* and *D*. Best growth is observed in the syneresis water of slant agar tubes.

For [DSM 19671](#) adjust pH of medium to 7.0.

For [DSM 22701](#) change amount of yeast extract to 0.5 g/l and of Na-thiosulfate to 2.5 g/l.