

**113a. SULFURIMONAS HONGKONGENSIS MEDIUM****Solution A:**

NaCl	25.0	g
KH <sub>2</sub> PO <sub>4</sub>	2.0	g
KNO <sub>3</sub>	2.0	g
NH <sub>4</sub> Cl	1.0	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	0.8	g
Trace element solution SL-4 (see medium 14)	2.0	ml
Distilled water	930.0	ml

Adjust pH to 7.0 with NaOH.

**Solution B:**

Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> x 5 H <sub>2</sub> O	5.0	g
Distilled water	40.0	ml

**Solution C:**

NaHCO <sub>3</sub>	1.0	g
Distilled water	20.0	ml

**Solution D:**

FeSO <sub>4</sub> x 7 H <sub>2</sub> O	2.0	mg
0.1 N H <sub>2</sub> SO <sub>4</sub>	1.0	ml

**Solution E:**

Vitamins solution (see medium 141)	10.0	ml
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*Solutions A, B and D* are prepared under 100% N<sub>2</sub> gas atmosphere and sterilized by autoclaving at 121°C for 15 min. *Solution C* is sterilized by filtration under an atmosphere of 80% N<sub>2</sub> and 20% CO<sub>2</sub> gas mixture. *Solution E* is prepared under 100% N<sub>2</sub> gas atmosphere and sterilized by filtration. Appropriate amounts of *solutions B to E* are added to the sterile *solution A* in the sequence as indicated. For solid medium add 15.0 g/l agar to *solution A*.