

743. HYDROGENOBACTER ACIDOPHILUS MEDIUM

Sulfur	5.00	g
(NH ₄) ₂ SO ₄	1.00	g
K ₂ HPO ₄	1.00	g
NaCl	1.00	g
MgSO ₄ x 7 H ₂ O	0.30	g
FeSO ₄ x 7 H ₂ O	1.00	mg
CaCl ₂	1.00	mg
Trace element solution (see medium 533)	0.50	ml
Distilled water	1000.00	ml

Adjust pH to 3.0 with HCl. Steam medium for 3 hours on each of 3 successive days. Incubate under a gas phase H₂:O₂:CO₂ = 7:1:1 with an overpressure of one atmosphere at 65°C.