

1292. CALDICOPROBACTER ALGERIENSIS MEDIUM

NH ₄ Cl	1.0	g
K ₂ HPO ₄	0.3	g
KH ₂ PO ₄	0.3	g
KCl	0.1	g
MgCl ₂ x 6 H ₂ O	0.5	g
CaCl ₂ x 2 H ₂ O	0.1	g
NaCl	0.5	g
Na-Acetate	0.2	g
Trace elements solution (see medium 141)	10.0	ml
Yeast extract (OXOID)	2.0	g
Trypticase peptone (BD BBL)	2.0	g
Na-resazurin solution (0.1% w/v)	0.5	ml
Na ₂ CO ₃	2.5	g
D-Glucose	2.5	g
L-Cysteine-HCl x H ₂ O	0.5	g
Na ₂ S x 9 H ₂ O	0.5	g
Distilled water	1000.0	ml

Dissolve ingredients (except carbonate, glucose, cysteine and sulfide) and sparge medium with 80% N₂ and 20% CO₂ gas mixture for 30 – 45 min to make it anoxic. Dispense medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add glucose, cysteine and sulfide from sterile anoxic stock solutions prepared under 100% N₂ gas and carbonate from a sterile anoxic stock solution prepared under 80% N₂ and 20% CO₂ gas mixture. Adjust pH of the complete medium to 7.2, if necessary.