

156. ANAEROTIGNUM MEDIUM

L-Alanine	3.0	g
Peptone	3.0	g
Yeast extract	4.0	g
MgSO ₄ x 7 H ₂ O	0.1	g
FeSO ₄ x 7 H ₂ O	18.0	mg
Potassium phosphate buffer (1 M, pH 7.1)	5.0	ml
CaSO ₄ (saturated aq. solution)	2.5	ml
Na-resazurin solution (0.1% w/v)	0.5	ml
NaHCO ₃	1.0	g
L-Cysteine-HCl x H ₂ O	0.3	g
Distilled water	1000.0	ml

Dissolve ingredients (except bicarbonate and cysteine), adjust pH to 7.0, then sparge medium with 100% N₂ gas for 30 – 45 min to make it anoxic. Add and dissolve bicarbonate and cysteine, then dispense medium under 100% N₂ gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Adjust pH of complete medium to 7.0 – 7.2, if necessary.