

**156. CLOSTRIDIUM PROPIONICUM MEDIUM**

L-Alanine	3.0	g
Peptone	3.0	g
Yeast extract	4.0	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	0.1	g
FeSO <sub>4</sub> x 7 H <sub>2</sub> O	18.0	mg
Potassium phosphate buffer (1 M, pH 7.1)	5.0	ml
CaSO <sub>4</sub> (saturated aq. solution)	2.5	ml
Na-resazurin solution (0.1% w/v)	0.5	ml
NaHCO <sub>3</sub>	1.0	g
L-Cysteine-HCl x H <sub>2</sub> 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% N<sub>2</sub> gas for 30 – 45 min to make it anoxic. Add and dissolve bicarbonate and cysteine, then dispense medium under 100% N<sub>2</sub> gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Adjust pH of complete medium to 7.0 – 7.2, if necessary.