

104a: ANAEROBACULUM MEDIUM

Final pH: 7.0

Final volume: 1000 ml

Trypticase peptone (BD BBL)	5.00	g
Meat peptone (pepsin-digested)	5.00	g
Yeast extract	10.00	g
NaCl	8.00	g
Salt solution	40.00	ml
Sodium resazurin (0.1% w/v)	0.50	ml
L-Cysteine HCl x H ₂ O	0.50	g
D-Glucose	1.00	g
Na ₂ S ₂ O ₃ x 5 H ₂ O	2.50	g
Distilled water	960.00	ml

Dissolve ingredients (except cysteine, glucose and thiosulfate), boil medium for 1 min, then cool to room temperature under 100% N₂ gas atmosphere. Add cysteine and adjust pH to 7.0. Thereafter, dispense under 100% N₂ gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. After autoclaving add glucose and thiosulfate from sterile anoxic stock solutions prepared under 100% N₂ gas. Adjust pH of complete medium to 7.0, if necessary.

Salt solution (from medium 104)

CaCl ₂ x 2 H ₂ O	0.25	g
MgSO ₄ x 7 H ₂ O	0.50	g
K ₂ HPO ₄	1.00	g
KH ₂ PO ₄	1.00	g
NaHCO ₃	10.00	g
NaCl	2.00	g
Distilled water	1000.00	ml