

648: CLOSTRIDIUM GRANTII MEDIUM

Marine Broth (BD Difco)	18.50	g
Sodium resazurin (0.1% w/v)	0.50	ml
Na ₂ CO ₃	1.00	g
D-Glucose	5.00	g
L-Cysteine HCl x H ₂ O	0.30	g
Na ₂ S x 9 H ₂ O	0.30	g
Distilled water	1000.00	ml

Dissolve DIFCO Marine Broth powder and resazurin, bring the medium to a boil, then cool to room temperature under 80% N₂ and 20% CO₂ gas atmosphere. Dispense the medium under the same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Complete the medium by adding 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. The pH of the complete medium should be around 6.6.