

635. TREPONEMA CALDARIUM MEDIUM

D-Glucose	2.00	g
Tryptone (BD BACTO)	2.00	g
Na-resazurin solution (0.1% w/v)	0.50	ml
L-Cysteine-HCl x H ₂ O	0.25	g
Trace element solution SL-10 (see medium 320)	10.00	ml
Trace element solution (see medium 141)	25.00	ml
Vitamin solution (see medium 141)	10.00	ml
Distilled water	1000.00	ml

Dissolve ingredients (except cysteine, trace elements and vitamins), sparge medium with 100% N₂ gas for 30 – 45 min to make it anoxic. Then add cysteine, adjust pH to 7.0, dispense medium under same gas atmosphere in anoxic Hungate-type tubes or serum vials and autoclave. After sterilization add trace elements and vitamins from sterile anoxic stock solutions prepared under 100% N₂ gas. Vitamins should be sterilized by filtration. Check pH of complete medium and adjust to 7.0, if necessary.