

326. CLOSTRIDIUM STERCORARIUM (A-GÖ) MEDIUM

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| KH ₂ PO ₄ | 3.30 | g |
| MgCl ₂ x 6 H ₂ O | 0.16 | g |
| CoCl ₂ x 6 H ₂ O | 12.00 | mg |
| Trace element solution SL-10 (see medium 320) | 1.00 | ml |
| Yeast extract | 2.00 | g |
| Trypticase peptone (BD BBL) | 2.00 | g |
| Na-resazurin solution (0.1% w/v) | 0.50 | ml |
| NaHCO ₃ | 4.00 | g |
| Sucrose | 5.00 | g |
| Vitamin solution (see medium 141) | 10.00 | ml |
| 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 ingredients (except bicarbonate, sucrose, vitamins, cysteine and sulfide) and sparge medium with 80% N₂ and 20% CO₂ gas mixture for 30 – 45 min to make it anoxic. Dispense medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. After autoclaving add sucrose, cysteine and sulfide to the medium from sterile stock solutions autoclaved under 100% N₂ gas and bicarbonate from a sterile anoxic stock solution prepared under 80% N₂ and 20% CO₂ gas mixture. Vitamins are prepared under 100% N₂ gas and sterilized by filtration. Adjust pH of complete medium to pH 6.8 – 7.2, if necessary.