

1635. SULFURIFLEXUS MEDIUM

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|--------------------------------------------------------------------|---------|----|
| NaCl | 20.00 | g |
| MgCl ₂ x 6 H ₂ O | 3.00 | g |
| MgSO ₄ x 7 H ₂ O | 0.30 | g |
| CaCl ₂ | 0.10 | g |
| NH ₄ Cl | 0.10 | g |
| KH ₂ PO ₄ | 0.10 | g |
| KCl | 0.10 | g |
| Trace element solution SL-10 (see medium 320) | 1.00 | ml |
| Selenite-tungstate solution (see medium 385) | 1.00 | ml |
| Na ₂ S ₂ O ₃ x 5 H ₂ O | 5.00 | g |
| Vitamin solution (see medium 141) | 10.00 | ml |
| NaHCO ₃ | 0.40 | g |
| Distilled water | 1000.00 | ml |

Dissolve ingredients (except thiosulfate, bicarbonate and vitamins), adjust pH to 6.0 and dispense medium under air atmosphere into serum vials up to a volume of 20%, close with rubber septa and autoclave. Add thiosulfate, vitamins and bicarbonate to the autoclaved medium from sterile stock solutions sterilized by filtration. Adjust pH of the complete medium to 7.2.