292. ACIDAMINOBACTER MEDIUM

Glycine 1.50 g  
Na$_2$SO$_4$  3.00 g  
KH$_2$PO$_4$ 0.20 g  
MgCl$_2$ x 6 H$_2$O 0.40 g  
NaCl 1.20 g  
CaCl$_2$ x 2 H$_2$O 0.15 g  
KCl 0.40 g  
Yeast extract 0.20 g  
Trace element solution SL-10 (see medium 320) 1.00 ml  
Selenite-tungstate solution (see medium 385) 1.00 ml  
Na-resazurin solution (0.1% w/v) 0.50 ml  
NaHCO$_3$ 2.00 g  
Vitamin solution (see medium 141) 10.00 ml  
Na$_2$S x 9 H$_2$O 0.30 g  
Distilled water 1000.00 ml

Dissolve ingredients (except bicarbonate, vitamins and sulfide), adjust pH to 6.5, then sparge with 100% N$_2$ gas for 30 – 45 min to make it anoxic and dispense under same gas atmosphere into anoxic Hungate-type tubes or serum vials. After autoclaving complete the medium by adding vitamins and sulfide from sterile anoxic stock solutions prepared under 100% N$_2$ gas and bicarbonate from a sterile anoxic stock solution prepared under 80% N$_2$ and 20% CO$_2$ gas mixture. Vitamins are sterilized by filtration. Adjust pH of the complete medium to 7.4 - 7.5, if necessary.