

Product Descriptions

Amies media is Stuart's original media formula modified by replacing the glycerophosphate in the original formula for an inorganic phosphate buffer. The metabolism of glycerophosphate by coliform organisms and other Gram negative rods, in Stuart's original formulation, resulted in proliferation of these organisms from throat, wound and fecal specimens. Amies also found that NaCl at 0.3% w/v was optimal for the preservation of neisseria gonorrhoeae. Calcium and magnesium salts were added in the belief that these ions were of importance in controlling the permeability of the bacterial cells and contributed to their survival.

Mandelab provides Amies Medium in 2 formats:

- Liquid Amies for Aerobic Culture
- Amies Gel (with and without charcoal) for Aerobic and Anaerobic Culture

Formula of Amies Gel Medium

Sodium Chloride: 3.00 g

Potassium Chloride: 0.20 g

Calcium Chloride: 0.10 g

Magnesium Chloride: 0.10 g

Potassium Dihydrogen Phosphate: 0.20 g

Disodium Hydrogen Phosphate: 1.15 g

Sodium Thioglycollate: 1.00 g

Distilled Water: 1.00 L

Bacteriological Agar: 7.50 g

Charcoal (optional): 10.00 g

