

ATCC medium: 482 MPHM medium

McCoy's 5A Medium (modified) (GIBCO 16600). Prepare as directed and aseptically dispense in 4 ml amounts in 16 X 125 mm screw-capped test tubes. Just prior to inoculation, to each tube, aseptically add the following solutions:

2.5% Proteose Peptone No. 3 (BD 211693)..1.0 ml
0.05% Hemin (see below).....0.1 ml

Prepare and sterilize the above stock solutions separately. Cap the tubes tightly and slant.

Hemin Solution:

NaCl.....0.8 g
KCl.....0.04 g
NaH₂PO₄ . H₂O.....0.02 g
Na₂HPO₄0.12 g
CaCl₂0.011 g
MgCl₂ . 6H₂O0.03 g
Hemin (Eastman Organic Chemicals).....0.05 g
Distilled water.....100.0 ml

Dissolve sodium chloride through sodium phosphates in 50.0 ml distilled water. Dissolve calcium chloride and magnesium chloride in 50.0 ml water. Mix both salts solutions together and add hemin. Adjust to pH 9.0 with 10 N NaOH to dissolve hemin.