

ATCC medium: 1373 TTYSH medium

Tryptose (BD 211713).....10.0 g
Trypticase Peptone (BD 211921).....10.0 g
Yeast Extract (BD 211928).....10.0 g
Glucose.....5.0 g
L-Cysteine . HCl.....1.0 g
Ascorbic acid.....0.2 g
NaCl.....5.0 g
K₂HPO₄0.8 g
KH₂PO₄0.8 g
Distilled water to.....950.0 ml

Dissolve salts in 600 ml distilled water. Add Tryptose and dissolve with heat (50C) if necessary. Add remaining ingredients, dissolving each by stirring. Bring total volume to 950 ml with distilled water. Adjust pH to 7.0 with 1 N NaOH. Dispense in 186 ml portions to Erlenmeyer flasks. Autoclave at 121C for 15 minutes. Cool and add:

Bovine serum (heat-inactivated)...10.0 ml
Hemin Solution (see below).....4.0 ml

Hemin Solution:

Dissolve 50 mg of hemin (Kodak) in 50 ml of distilled water by adjusting the pH to 10.5 with 1 N NaOH. Filter-sterilize. Dispense complete medium in 4.0 ml aliquots to 16 X 125 mm screw-capped test tubes.