

ATCC Medium: 1699 Revised Mycoplasma Medium

Heart Infusion Broth (BD 238400).....	7.5	g
Agar, Noble (BD 214230) (if necessary).....	10.0	g
DI Water.....	660.0	ml

Adjust for final pH 7.4 and autoclave at 121°C.

Add aseptically the following filter-sterilized components:

10X Hanks' Balanced Salt Solution w/o NaHCO ₃ or phenol red (see below)	40.0	ml
0.25% Phenol red.....	10.0	ml
Porcine serum (heat-inactivated).....	200.0	ml
5 % Lactalbumin Hydrolysate, TC (Sigma L9010) in 1 X Dulbecco's PBS (ATCC 30-2200).....	100.0	ml
Yeast Extract #3 (ATCC MD-9678).....	20.0	ml

Hanks' Balanced Salt Solution (10X)

CaCl ₂	1.4	g
KCl.....	4.0	g
KH ₂ PO ₄	0.6	g
MgCl ₂ x 6H ₂ O	1.0	g
MgSO ₄ x 7H ₂ O	1.0	g
NaCl.....	80.0	g
Na ₂ HPO ₄ x 7H ₂ O.....	0.9	g
Glucose.....	10.0	g
DI Water to.....	1000.0	ml

Final Product Description



- Medium should be translucent and cherry red in color.
- There should be no precipitate.
- Recommended storage temperature: 2-8°C.