

ATCC Medium 2338 Echinamoeba Medium

CaSO ₄ · 2H ₂ O	490.00 mg
CaCl ₂ · 2H ₂ O	240.00 mg
NaHCO ₃	370.00 mg
MgSO ₄ · 7H ₂ O	500.00 mg
KNO ₃	0.16 mg
KCl	8.6 mg
Mineral solution (see below)	10.00 ml
Yeast extract	0.60 g
Glycerol	1.0 ml
Agar	18.0 g
Distilled H ₂ O to	1000.00 ml

Mineral solution

FeCl ₃ x 6H ₂ O	552.0 mg
ZnSO ₄ · 7 H ₂ O	3.50 g
MnCl ₂ · 4 H ₂ O	250.00 mg
(NH ₄) ₂ Ni(SO ₄) ₂ · 6H ₂ O	200.00 mg
LiCl	300.00 mg
SnCl ₂ · 2H ₂ O	100.00 mg
Na ₂ MoO ₄ · 2H ₂ O	400.00 mg
Distilled H ₂ O q.c. to	1000.00 ml

1. Once all ingredients have been combined and dissolved, adjust the pH 7.0 with NaOH
2. Add 18.0 g of agar per liter or omit agar and reduce yeast extract by two-thirds to prepare ATCC medium 2338 broth only.
3. Autoclave and, if broth only is prepared, distribute in 10ml aliquots to T-25 tissue culture flasks. If solid medium is prepared, distribute in 20ml aliquots to 20 x 100 mm Petri dishes and cool to solidify.