

## ATCC Medium 2338 Echinamoeba Medium

CaSO <sub>4</sub> · 2H <sub>2</sub> O .....	490.00 mg
CaCl <sub>2</sub> · 2H <sub>2</sub> O .....	240.00 mg
NaHCO <sub>3</sub> .....	370.00 mg
MgSO <sub>4</sub> · 7H <sub>2</sub> O .....	500.00 mg
KNO <sub>3</sub> .....	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 <sub>2</sub> O to .....	1000.00 ml

### Mineral solution

FeCl <sub>3</sub> x 6H <sub>2</sub> O .....	552.0 mg
ZnSO <sub>4</sub> · 7 H <sub>2</sub> O .....	3.50 g
MnCl <sub>2</sub> · 4 H <sub>2</sub> O .....	250.00 mg
(NH <sub>4</sub> ) <sub>2</sub> Ni(SO <sub>4</sub> ) <sub>2</sub> · 6H <sub>2</sub> O .....	200.00 mg
LiCl .....	300.00 mg
SnCl <sub>2</sub> · 2H <sub>2</sub> O .....	100.00 mg
Na <sub>2</sub> MoO <sub>4</sub> · 2H <sub>2</sub> O .....	400.00 mg
Distilled H <sub>2</sub> 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.