

ATCC Medium: 1599 Thermus Enhanced Medium w/ 1% NaCl

Yeast Extract.....	2.5 g
Tryptone.....	2.5 g
Nitrilotriacetic acid.....	100.0 mg
CaSO ₄ x 2H ₂ O.....	40.0 mg
MgCl ₂ x 6H ₂ O.....	200.0 mg
0.01 M Ferric citrate.....	0.5 ml
NaCl.....	10.0 g
Trace Element Solution (see below).....	0.5 ml
Phosphate Buffer Solution (see below).....	100.0 ml
Agar.....	15.0 g
DI Water.....	900.0 ml

Adjust pH to 7.2 with NaOH. Autoclave at 121°C. *Autoclave the phosphate buffer separately and then add to the sterile medium.

Trace Element Solution

Nitrilotriacetic acid.....	12.8 g
FeCl ₂ x 4H ₂ O.....	1.0 g
MnCl ₂ x 4H ₂ O.....	0.5 g
CoCl ₂ x 6H ₂ O.....	0.3 g
CuCl ₄ x 2H ₂ O.....	50.0 mg
Na ₂ MoO ₄ x 2H ₂ O.....	50.0 mg
H ₃ BO ₃	20.0 mg
NiCl ₂ x 6H ₂ O.....	20.0 mg
DI Water.....	1000 ml

Phosphate Buffer Solution

KH ₂ PO ₄	5.44 g
Na ₂ HPO ₄ x 12H ₂ O.....	43.0 g
DI Water.....	1000 ml

Adjust pH to 7.2.