ATCC medium: 1501 Brackish acetate

Sodium acetate.....1.0 g
KNO_3.....1.0 g
NaH_2PO_4 . $2H_2O$.....0.05 g
Vitamin Solution (see below).....10.0 ml
Modified Hutner's Basal Salts (see below).....20.0 ml
Artificial Seawater (see below).....250.0 ml
Distilled water.....720.0 ml

Adjust pH to 7.2. Autoclave at 121C for 15 minutes.

Artificial Seawater:
NaCl.....23.477 g
$MgCl_2$.....4.981 g
Na_2SO_4.....3.917 g
$CaCl_2$.....1.102 g
KCl.....0.664 g
$NaHCO_3$.....0.192 g
KBr.....0.096 g
H_3BO_3.....0.026 g
$SrCl_2$.....0.024 g
NaF.....0.003 g
Distilled water to.....1.0 L

Vitamin Solution:
Biotin.....2.0 mg
Folic acid.....2.0 mg
Thiamine . HCl.....5.0 mg
Calcium D-(+)-pantothenate...5.0 mg
Vitamin B12.....0.1 mg
Riboflavin.....5.0 mg
Distilled water.....1.0 L

Modified Hutner's Basal Salts:
Nitrilotriacetic acid.....10.0 g
$MgSO_4$. $7H_2O$.....29.7 g
$CaCl_2$. $2H_2O$.....3.34 g
Ammonium molybdate.....9.25 mg
$FeSO_4$. 7H2O.....99.0 mg
Metals "44" (see below).....50.0 ml
Distilled water to.....1.0 L

Dissolve and neutralize the nitrilotriacetic acid with KOH (7.3 g); add the other ingredients and adjust the pH to 6.6 - 6.8 before bringing the volume to 1.0 L with distilled water.

Metals "44":

EDTA.....0.25 g
$ZnSO_4 \cdot 7H_2O$ .....1.1 g
$FeSO_4 \cdot 7H_2O$ .....0.5 g
$MnSO_4 \cdot 7H_2O$ .....0.154 g
$CuSO_4 \cdot 5H_2O$ .....0.04 g
$Co(NO_3)_2 \cdot 6H_2O$.....0.025 g
$Na_2B_4O_7 \cdot 10H_2O$.....0.018 g
Distilled water.....100.0 ml

Initially add a few drops of H_2SO_4 to the distilled water to retard precipitation.