ATCC medium: 1222 ASP-2 medium

NaCl.....18.0 g
$MgSO_4$. $7H_2O$ .....5.0 g
KCl.....0.6 g
$NaNO_3$.....0.05 g
$CaCl_2$. $2H_2O$ Solution (see below) .....2.8 ml
K_2HPO_4 Solution (see below) .....0.5 ml
TRIS Solution (see below).....4.0 ml
B12 Solution (see below).....0.1 ml
Trace Element Solution (see below).....10.0 ml
Vitamin Solution (see below).....1.0 ml
Na_2SiO_3 . $9H_2O$ Solution (see below).....1.5 ml
Distilled water.....1.0 L

Add salts and solutions in the order shown. Filter-sterilize. Aseptically dispense in 5.0 ml aliquots to 16 X 125 mm screw-capped test tubes.

$CaCl_2$. $2H_2O$ Solution:
$CaCl_2$. $2H_2O$ .....13.0 g
Distilled water.....100.0 ml

K_2HPO_4 Solution:
K_2HPO_4 .....1.0 g
Distilled water.....100.0 ml

TRIS Solution:
Dissolve 25.0 g TRIZMA-BASE in 65.0 ml H_2O. Titrate to pH 7.6 - 7.7 with concentrated HCl. Bring to 100 ml with distilled water. Let sit overnight and recheck pH.

B12 Solution:
Vitamin B12.....2.0 mg
Distilled water.....100.0 ml

Trace Element Solution:
EDTA.....3.0 g
$FeCl_3$. $6H_2O$ .....384.0 mg
$MnCl_2$. $4H_2O$ .....432.0 mg
$CoCl_2$. $6H_2O$ .....2.0 mg
$ZnCl_2$.....31.5 mg
CuCl or $CuCl_2$.....0.25 mg
H_3BO_3 .....342.0 mg
Distilled water.....1.0 L

Vitamin Solution:

Thiamine . HCl	50.0 mg
Nicotinic acid	10.0 mg
Calcium D-(+)-pantothenate	10.0 mg
PABA	1.0 mg
Inositol	500.0 mg
Folic acid	0.2 mg
Thymine	300.0 mg
Biotin	0.1 mg
Distilled water	100.0 ml

Na_2SiO_3 . $9H_2O$ Solution:

Na_2SiO_3 . $9H_2O$	10.0 g
Distilled water	100.0 ml