ATCC medium: 2223 Anaerobic serine/arginine medium

NH_4Cl .....0.3 g
K_2HPO_4 .....0.2 g
KH_2PO_4 .....0.3 g
$MgCl_2$. $6H_2O$ .....0.4 g
$CaCl_2$. $2H_2O$ .....0.15 g
KCl.....0.5 g
NaCl.....1.0 g
SL-10 Trace Element Solution (see below).....1.0 ml
Selenite/Tungstate Solution (see below).....1.0 ml
Yeast extract.....2.0 g
Serine*.....1.05 g
Resazurin.....0.5 mg
Distilled water.....940.0 ml

* Arginine-HCl, 1.74 g, may be used in place of the serine
Prepare medium anaerobically under 80% N_2, 20% CO_2. Autoclave at 121C for 15 minutes. Cool under the same gas mixture. After cooling, add the following filter-sterilized ingredients:

Na_2S . $9H_2O$ Solution (see below)
$NaHCO_3$ Solution (see below)
Wolfe's Vitamin Solution (see below).....10.0 ml

Adjust final pH of the completed medium to 7.2. Dispense anaerobically as desired.

SL-10 Trace Element Solution:
HCl (25%).....10.0 ml
$FeCl_2$. $4H_2O$ .....1.5 g
$ZnCl_2$ .....70.0 mg
$MnCl_2$. $4H_2O$ .....100.0 mg
H_3BO_3 .....6.0 mg
$CoCl_2$. $6H_2O$ .....190.0 mg
$CuCl_2$. $2H_2O$ .....2.0 mg
$NiCl_2$. $6H_2O$ .....24.0 mg
Na_2MoO_4 . $2H_2O$.....36.0 mg
Distilled water.....990.0 ml

Dissolve $FeCl_2$ in the HCl, dilute with water, add and dissolve the other salts; adjust pH to 6.0 with NaOH, and fill to 1.0 L with distilled water.

Selenite/Tungstate Solution:
NaOH.....0.5 g
Na_2SeO_3 . $5H_2O$.....3.0 mg
Na_2WO_4 . $2H_2O$.....4.0 mg
Distilled water.....1.0 L

Na_2S . $9H_2O$ Solution:
Na_2S . $9H_2O$ .....0.6 g
Distilled water.....10.0 ml

$NaHCO_3$ Solution:
$NaHCO_3$ .....5.0 g
Distilled water.....50.0 ml

Wolfe's Vitamin Solution:
Available from ATCC as a sterile ready-to-use liquid (Vitamin Supplement, catalog no. MD-VS).
Biotin.....2.0 mg
Folic acid.....2.0 mg
Pyridoxine hydrochloride....10.0 mg
Thiamine . HCl.....5.0 mg
Riboflavin.....5.0 mg
Nicotinic acid.....5.0 mg
Calcium D-(+)-pantothenate...5.0 mg
Vitamin B12.....0.1 mg
p-Aminobenzoic acid.....5.0 mg
Thioctic acid.....5.0 mg
Distilled water.....1.0 L