

ATCC medium: 1819 *Sporomusa* medium

K ₂ HPO ₄	0.348 g
KH ₂ PO ₄	0.227 g
NH ₄ Cl	0.5 g
MgSO ₄ . 7H ₂ O	0.5 g
CaCl ₂ . 2H ₂ O	0.25 g
NaCl.....	2.25 g
FeSO ₄ . 7H ₂ O	2.0 mg
Wolfe's Vitamin Solution (see below).....	10.0 ml
Trace Elements Solution SL-10 (see below).....	1.0 ml
NaHSeO ₃	15.0 mcg
Yeast extract.....	2.0 g
Casitone (BD 225930).....	2.0 g
NaHCO ₃	4.0 g
Resazurin.....	1.0 mg
Fructose (see below).....	5.0 g
L-Cysteine . HCl.....	0.3 g
Na ₂ S . 9H ₂ O	0.3 g
Distilled water.....	1.0 L

Adjust medium for final pH 7.0. Prepare medium anaerobically under 80% N₂, 20% CO₂. Add fructose at 0.5% final concentration from a filter-sterilized anaerobic stock solution.

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

Trace Elements Solution SL-10:

HCl (25%).....	10.0 ml
FeCl ₂ . 4H ₂ O	1.5 g
ZnCl ₂	70.0 mg
MnCl ₂ . 4H ₂ O	100.0 mg
H ₃ BO ₃	6.0 mg
CoCl ₂ . 6H ₂ O	190.0 mg
CuCl ₂ . 2H ₂ O	2.0 mg
NiCl ₂ . 6H ₂ O	24.0 mg
Na ₂ MoO ₄ . 2H ₂ O.....	36.0 mg
Distilled water.....	990.0 ml

Dissolve FeCl₂ in the HCl, then dilute with water, add and dissolve the other salts, adjust pH to 6.0 with NaOH, finally fill up to 1.0 L.