

ATCC medium: 1464 *Dictyoglomus* medium

Yeast extract.....	2.0 g
Polypeptone Peptone (BD 211910).....	2.0 g
Soluble starch.....	5.0 g
KH ₂ PO ₄	1.5 g
Na ₂ HPO ₄ . 12H ₂ O.....	4.2 g
NH ₄ Cl	0.5 g
MgCl ₂ . 6H ₂ O	0.38 g
CaCl ₂	0.05 g
Fe(NH ₄) ₂ (SO ₄) ₂ . 6H ₂ O	0.039 g
Na ₂ CO ₃	1.0 g
Resazurin.....	2.0 mg
L-Cysteine . HCl.....	1.0 g
Trace Metals (see below).....	10.0 ml
Wolfe's Vitamin Solution (see below)....	10.0 ml
Distilled water.....	980.0 ml

Adjust medium, if necessary, for final pH 7.2. Filter-sterilize vitamin solution and add aseptically to sterile medium. Prepare and dispense medium anaerobically using Hungate techniques in an atmosphere of 100% nitrogen.

Trace Metals:

CoCl ₂ . 6H ₂ O	290.0 mg
Na ₂ MoO ₄ . 2H ₂ O.....	240.0 mg
Na ₂ SeO ₃	17.0 mg
MnCl ₂ . 4H ₂ O	200.0 mg
ZnSO ₄ . 7H ₂ O	280.0 mg
Distilled water.....	1.0 L

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