

ATCC Medium: 2816 *Mesotoga primus* Medium

HEPES.....	4.8 g
Wolfe's Vitamins.....	10 ml
Wolfe's Trace minerals.....	10 ml
Yeast Extract.....	5.0 g
Cysteine.....	0.5 g
Resazurin (0.1% w/v).....	1.0 ml
Sodium thiosulfate.....	2.5 g
Mesotoga minerals (see below).....	500 ml
DI Water.....	500 ml

Adjust pH to 7.5 and stream for 20 - 30 minutes. Autoclave at 121C. Add xylose from a sterile stock to a final concentration of 0.5 % (w/v). Dispense into tubes in anaerobic chamber, then pressurize with N₂. For solid medium, add 15 g of agar and boil to dissolve before autoclaving.

Mesotoga minerals

NaCl.....	40 g
KCl.....	0.66 g
MgCl ₂ x 6H ₂ O.....	1.8 g
MgSO ₄ x 7H ₂ O.....	2.8 g
NH ₄ Cl.....	0.5 g
CaCl ₂ x 2H ₂ O.....	0.28 g
KH ₂ PO ₄	0.9 g
DI Water.....	1000 ml