

**ATCC medium: 1917 MSVP medium**

(NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>.....0.24g  
MgSO<sub>4</sub> . 7H<sub>2</sub>O .....0.06 g  
CaCl<sub>2</sub> . 2H<sub>2</sub>O .....0.06 g  
KH<sub>2</sub>PO<sub>4</sub> .....0.02 g  
Na<sub>2</sub>HPO<sub>4</sub> .....0.03 g  
HEPES.....2.383 g  
10 mM FeSO<sub>4</sub>.....1.0 ml  
Agar, Noble (BD 214230).....15.0 g  
Distilled water to.....984.0 ml

Adjust to pH 7.2 with NaOH. Autoclave at 121C for 15 minutes. Cool to approximately 50C and aseptically add the following filter-sterilized solutions:

Vitamin Solution (see below).....1.0 ml  
20% Sodium pyruvate.....5.0 ml

*Vitamin Solution:*

Biotin.....20.0 mg  
Folic acid.....20.0 mg  
Thiamine . HCl.....50.0 mg  
D-(+)-Calcium pantothenate.....50.0 mg  
Vitamin B12.....1.0 mg  
Riboflavin.....50.0 mg  
Nicotinic acid.....50.0 mg  
Pyridoxine hydrochloride.....100.0 mg  
p-Aminobenzoic acid.....50.0 mg  
Distilled water.....1.0 L