

**ATCC medium: 1673 Modified Burke's nitrogen-free medium**

K<sub>2</sub>HPO<sub>4</sub> (autoclave separately) .....1.0 g  
MgSO<sub>4</sub> . 7H<sub>2</sub>O .....0.02 g  
CaCl<sub>2</sub> . 2H<sub>2</sub>O .....0.1 g  
FeSO<sub>4</sub> . 7H<sub>2</sub>O .....50.0 mg  
Na<sub>2</sub>MoO<sub>4</sub> . 2H<sub>2</sub>O.....25.0 mg  
Vitamin Solution (see below).....1.0 ml  
Glucose (autoclave separately)....10.0 g  
Cellulose (autoclave separately)..10.0 g  
Agar, Noble (BD 214230).....15.0 g  
Distilled water.....1.0 L

Adjust medium for final pH 7.2 - 7.3. Autoclave at 121C for 15 minutes.  
Add solutions sterilized separately to basal medium when cooled to room temperature.

*Vitamin Solution:*

Thiamine . HCl.....843.3 mg  
Nicotinic acid.....307.8 mg  
Pantothenic acid.....595.8 mg  
p-Aminobenzoic acid.....68.6 mg  
Pyridoxamine . 2HCl.....60.3 mg  
Biotin.....50.0 mg  
Folic acid.....11.0 mg  
Vitamin B12.....3.4 mg  
Distilled water.....50.0 ml