

**ATCC medium: 2233 Modified arabinose gluconate medium**

HEPES.....1.3 g  
MES.....1.1 g  
Yeast extract.....1.0 g  
Arabinose.....1.0 g  
Gluconic acid.....1.0 g  
KH<sub>2</sub>PO<sub>4</sub> .....0.22 g  
Na<sub>2</sub>SO<sub>4</sub> .....0.25 g  
Agar (for solid medium).....18.0 g  
Distilled water.....1.0 L

Add the specified volume of each of the following aqueous stock solutions:

NH<sub>4</sub>Cl (16.0 g/100 ml) .....2.0 ml  
FeCl<sub>3</sub> (0.67 g/100 ml) .....1.0 ml  
CaCl<sub>2</sub> (1.5 g/100 ml) .....1.0 ml  
MgSO<sub>4</sub> . 7H<sub>2</sub>O (18.0 g/100 ml) .....1.0 ml  
NaMoO<sub>4</sub> . 2H<sub>2</sub>O (1.0 g/100 ml) .....1.0 ml  
NiCl<sub>2</sub> (1.2 g/100 ml) .....0.1 ml

After medium is complete, autoclave at 121C for 30 minutes.