

**ATCC medium: 1682 Artificial deep lake medium**

NaCl.....180.0 g  
MgCl<sub>2</sub> . 6H<sub>2</sub>O .....75.0 g  
MgSO<sub>4</sub> . 7H<sub>2</sub>O .....7.4 g  
KCl.....7.4 g  
CaCl<sub>2</sub> . 2H<sub>2</sub>O .....1.0 g  
Sodium succinate.....10.0 g  
Yeast extract.....1.0 g  
Vitamin Solution (see below).....10.0 ml  
Agar, Noble (BD 214230).....15.0 g  
Distilled water.....990.0 ml

Adjust medium for final pH 7.4. Autoclave at 121C for 15 minutes. Cool to 50C and aseptically add vitamins.

*Vitamin Solution:*

Biotin.....0.1 g  
Cyanocobalamin.....0.1 g  
Thiamine . HCl.....0.1 g  
Distilled water.....1.0 L

Filter-sterilize and add aseptically to sterile basal medium.