

**ATCC medium: 940 *Trebouxia* agar**

Bristol's Solution (see below)...850.0 ml  
Soil Extract (see below).....140.0 ml  
Proteose Peptone (BD 211684).....10.0 g  
Glucose.....20.0 g  
Agar.....15.0 g

Autoclave at 121C for 15 minutes.

*Bristol's Solution:*

NaNO<sub>3</sub> .....10.0 g  
CaCl<sub>2</sub> .....1.0 g  
MgSO<sub>4</sub> . 7H<sub>2</sub>O .....3.0 g  
K<sub>2</sub>HPO<sub>4</sub> .....3.0 g  
KH<sub>2</sub>PO<sub>4</sub> .....7.0 g  
NaCl.....1.0 g

Prepare six stock solutions, each 400 ml in volume, and each containing one of the salts in the amount listed. Add 10 ml of each stock solution to 940 ml of distilled water. Add a drop of 1.0% FeCl<sub>3</sub> solution.

*Soil Extract:*

African violet soil.....77.0 g  
Na<sub>2</sub>CO<sub>3</sub> .....0.2 g  
Distilled water.....200.0 ml

Autoclave for one hour. Filter through Whatman #1 filter paper before using in medium.