

**ATCC medium: 569 *Thermoplasma* medium**

*Basal solution:*

KH<sub>2</sub>PO<sub>4</sub> .....3.0 g  
MgSO<sub>4</sub> . 7H<sub>2</sub>O .....0.5 g  
CaCl<sub>2</sub> . 2H<sub>2</sub>O .....0.25 g  
(NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>.....0.2 g  
Yeast extract.....1.0 g  
Distilled water.....500.0 ml

Adjust pH to 2.0 with 10 N H<sub>2</sub>SO<sub>4</sub>.

*For liquid medium:*

Add 400.0 ml distilled water to basal solution, autoclave at 121C for 15 minutes. Aseptically add 100.0 ml of a sterile 10% (w/v) glucose solution.

*For agar medium:*

*Solution A:*

Sterile basal solution.....45.0 ml

*Solution B:*

Agar, Noble (BD 214230).....1.2 g  
Deionized water.....45.0 ml

Autoclave at 121C for 15 minutes.

*Solution C:*

Sterile 10% glucose solution.....10.0 ml

Combine solutions A, B, and C aseptically at 56C.