

**ATCC Medium: 712 PYG w/ Additives**

Proteose Peptone.....	20.0 g
Yeast Extract.....	1.0 g
Agar (if needed).....	20.0 g
DI Water.....	900.0 ml

Prepare separately each of the following stock solutions and add to the basal medium as indicated below to avoid precipitation. (Make final volume to 1.0 L)

**Stock Solutions:**

0.05M CaCl <sub>2</sub> .....	8.0ml
0.4 M MgSO <sub>4</sub> x 7H <sub>2</sub> O.....	10.0 ml
0.25 M Na <sub>2</sub> HPO <sub>4</sub> x 7H <sub>2</sub> O.....	10.0 ml
0.25 M KH <sub>2</sub> PO <sub>4</sub> .....	10.0 ml
Na Citrate x 2H <sub>2</sub> O.....	1.0 g
0.005 M Fe(NH <sub>4</sub> ) <sub>2</sub> (SO <sub>4</sub> ) <sub>2</sub> x 6H <sub>2</sub> O.....	10.0 ml

The pH should be 6.5. Autoclave at 121 C. Filter sterilize a 2 M glucose solution and add aseptically 50 ml to the above medium. 18g/50ml glucose = 2M glucose.