

**ATCC medium: 611 PGT medium**

*Basal Medium:*

Casamino Acids (BD 223050)	30.0 g
L-Glutamic acid	0.5 g
Calcium D-(+)-pantothenate (0.1% solution)	0.5 ml
Maltose	0.2 g
D L-Tryptophan	0.1 g
Solution 2 (see below)	2.0 ml
L-Cystine	0.2 g
MgSO <sub>4</sub> . 7H <sub>2</sub> O	0.45 g
Distilled water	1.0 L

Adjust pH to 6.85 with 50% KOH.  
Autoclave at 121C for 15 minutes.

*Solution 2:*

Beta-Alanine	0.115 g
Nicotinic acid	0.115 g
Pimelic acid	7.5 mg
CuSO <sub>4</sub> . 5H <sub>2</sub> O	0.05 g
ZnSO <sub>4</sub> . 7H <sub>2</sub> O	0.045 g
MnCl <sub>2</sub> . 4H <sub>2</sub> O	0.015 g
Concentrated HCl	3.0 ml
Distilled water to	100.0 ml

*Solution 3:*

Calcium D-(+)-pantothenate (0.1% solution)	3.0 ml
Maltose	200.0 g
CaCl <sub>2</sub>	1.5 g
FeSO <sub>4</sub> (1% in 1 N HCl)	0.2 ml
Distilled water to	500.0 ml

Autoclave at 7 lbs. for 15 minutes. Aseptically add 10 ml of solution 3 to each 90 ml of the basal medium.