

## 1498. PE MEDIUM

Sodium glutamate	0.5	g
Sodium succinate	0.5	g
Sodium acetate	0.5	g
Sodium thiosulfate	0.5	g
Yeast extract (BD)	0.5	g
Casamino acids (BD)	0.5	g
(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	0.5	g
Basal salts solution	5.0	ml
Phosphate solution	5.0	ml
Agar	15.00	g
Distilled Water	1000.00	ml
pH 7.5		

Autoclave and add 1ml/l Vitamin solution (see Medium 87A)

### Basal Salts Solution:

3Na-EDTA	4.532	g
FeSO <sub>4</sub> x 7H <sub>2</sub> O	1.110	g
MgSO <sub>4</sub> x 7H <sub>2</sub> O	24.650	g
CaCl <sub>2</sub> x 2H <sub>2</sub> O	2.940	g
NaCl	23.400	g
MnSO <sub>4</sub> x 4H <sub>2</sub> O	0.1116	g
ZnSO <sub>4</sub> x 7H <sub>2</sub> O	0.0288	g
Co(NO <sub>3</sub> ) <sub>2</sub> x 6H <sub>2</sub> O	0.0292	g
CuSO <sub>4</sub> x 6H <sub>2</sub> O	0.0252	g
Na <sub>2</sub> MoO <sub>4</sub> x 2H <sub>2</sub> O	0.0242	g
H <sub>3</sub> BO <sub>3</sub>	0.0310	g
Distilled Water	1000.000	ml

Adjust to pH 7.0 with 10% KOH.

### Phosphate solution (1M) :

KH <sub>2</sub> PO <sub>4</sub>	136.09	g
K <sub>2</sub> HPO <sub>4</sub>	228.23	g
Distilled water	1000.00	ml
pH 7.2		

