

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 ₄) ₂ SO ₄	0.5	g
Basal salts solution	5.0	g
Phosphate solution	5.0	g
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 ₄ x 7H ₂ O	1.110	g
MgSO ₄ x 7H ₂ O	24.650	g
CaCl ₂ x 2H ₂ O	2.940	g
NaCl	23.400	g
MnSO ₄ x 4H ₂ O	0.1116	g
ZnSO ₄ x 7H ₂ O	0.0288	g
Co(NO ₃) ₂ x 6H ₂ O	0.0292	g
CuSO ₄ x 6H ₂ O	0.0252	g
Na ₂ MoO ₄ x 2H ₂ O	0.0242	g
H ₃ BO ₃	0.0310	g
Distilled Water	1000.000	ml
Adjust to pH 7.0 with 10% KOH.		

Phosphate solution (1M) :

KH ₂ PO ₄	136.09	g
K ₂ HPO ₄	228.23	g
Distilled water	1000.00	ml
pH 7.2		

