

791. PORPHYROBACTER TEPIDARIUS MEDIUM

Sodium glutamate	0.50	g/l
Sodium succinate	0.50	g/l
Sodium acetate	0.50	g/l
Yeast extract	0.50	g/l
Casamino acids	0.50	g/l
(NH ₄) ₂ SO ₄	0.50	g/l
Sodium thiosulphate	0.50	g/l
Basal salts solution	5.00	ml
Phosphate solution	5.00	ml
Vitamin solution (see medium 87a)	1.00	ml
Distilled water	989.00	ml
Final pH 7.5		

Add the vitamin solution, aseptically to the cooled, autoclaved medium.

Basal salts solution

Tri sodium EDTA	4.53	g/l
FeSO ₄ x 7 H ₂ O	1.11	g/l
MgSO ₄ x 7 H ₂ O	24.65	g/l
CaCl ₂ x 2 H ₂ O	2.94	g/l
NaCl	23.40	g/l
MnSO ₄ x 4 H ₂ O	112.00	mg/l
ZnSO ₄ x 7 H ₂ O	29.00	mg/l
Co(NO ₃) ₂ x 6 H ₂ O	29.00	mg/l
CuSO ₄ x 5 H ₂ O	25.00	mg/l
Na ₂ Mo ₄ x 2 H ₂ O	24.00	mg/l
H ₃ BO ₃	31.00	mg/l
Distilled water	1000.00	ml

Phosphate solution

KH ₂ PO ₄	75.00	g/l
K ₂ HPO ₄	78.00	g/l
Distilled water	1000.00	ml

Vitamin solution: See next page.

Vitamin solution

Nicotinic acid	100.00	mg
Thiamine	100.00	mg
Biotin	5.00	mg
p-aminobenzoic acid	50.00	mg
Vitamin B ₁₂	1.00	mg
Calcium pantothenate	50.00	mg
Pyridoxine hydrochloride	50.00	mg
Folic acid	50.00	mg
Tri-sodium EDTA	200.00	mg
Distilled water	100.00	ml

Filter sterilize.