

25. RHODOPSEUDOMONAS GLOBIFORMIS MEDIUM

Yeast extract	0.25	g
Mannitol	1.50	g
Na-gluconate	0.50	g
KH ₂ PO ₄	0.50	g
MgSO ₄ x 7 H ₂ O	0.40	g
NH ₄ Cl	0.40	g
NaCl	0.40	g
CaCl ₂ x 2 H ₂ O	0.05	g
Trace element solution SL-6 (see medium 27)	1.00	ml
Distilled water	1000.00	ml

Adjust pH to 4.9, then add:

Fe(III) citrate solution (0.1% in H ₂ O)	5.00	ml
Biotin solution (0.002% in H ₂ O)	1.00	ml
p-Aminobenzoic acid solution (0.01% in H ₂ O)	1.00	ml

Sterilize in screw-capped bottles. Cool to room temperature; to each 100 ml medium add 0.2 ml of a sterile 10% Na₂S₂O₃ solution. Incubate in the light using a tungsten lamp.