

1288. RHIZOMICROBIUM MEDIUM

Trypticase (BBL)	10.00	g
Yeast extract	5.00	g
K ₂ HPO ₄	0.45	g
KH ₂ PO ₄	0.45	g
(NH ₄) ₂ SO ₄	0.90	g
NaCl	0.90	g
MgSO ₄ x 7 H ₂ O	0.09	g
CaCl ₂ x 2 H ₂ O	0.09	g
Na ₂ CO ₃	0.20	g
L-cysteine HCl	0.30	g
Resazurin	1.00	mg
Glucose	0.25	g
Cellobiose	0.25	g
Maltose	0.25	g
Soluble starch	0.25	g

Prepare the medium without glucose, cellobiose, maltose, soluble starch and L-cysteine HCl. Boil the medium and cool under an atmosphere of N₂:CO₂ (80:20) and adjust the pH to 6.8. Dispense into Hungate tubes or serum bottles under the same gas atmosphere and seal with rubber stoppers. Add the glucose, cellobiose, maltose, soluble starch and L-cysteine HCl from sterile stock solutions.