

887. OS MEDIUM

NaCl	256.00	mg
KH ₂ PO ₄	1.70	mg
CaCl ₂ x 2 H ₂ O	0.80	mg
H ₃ BO ₃	10.30	mg
Na ₂ SO ₄	23.00	mg
NaNO ₃	0.30	mg
KCl	15.00	mg
FeCl ₃ x 6 H ₂ O	0.10	mg
MnSO ₄ x 4 H ₂ O	0.06	mg
NaHCO ₃	1.00	g
Trace element solution (see medium 141)	10.00	ml
Na ₂ S ₂ O ₃ x 5 H ₂ O	1.00	g
H ₂ O	1000.00	ml

Bubble the medium 30 minutes with N₂ gas. Adjust pH to 7.0 with H₂SO₄. Fill 10 ml medium into 100 ml Serum bottles under H₂/CO₂ gas and seal with a rubber stopper. Prepare NaHCO₃ and Na₂S₂O₃ as separate sterile stock solution and add to sterile medium after autoclaving..

Give an atmosphere of N₂/H₂/O₂ (94/3/3) at 300 kPa. Incubate at 80°C. For solid medium add 1.5% Gelrite (Roth, Karlsruhe, Germany).