

1505. PROTEINIVORAX MEDIUM

KH ₂ PO ₄	0.30	g
MgSO ₄ x 7 H ₂ O	0.12	g
CaCl ₂ x 2 H ₂ O	0.03	g
NaCl	20.00	g
Tryptone (BD Bacto)	3.00	g
Trace element solution SL-10 (see medium 320)	1.00	ml
Na ₂ CO ₃	60.00	g
NaHCO ₃	50.00	g
Na-Thioglycolate	1.00	g
Distilled water	1000.00	ml

Dissolve ingredients (except carbonates and thioglycolate), then sparge medium with 100% N₂ gas for 30 - 45 min to make it anoxic. Add carbonate and hydrogencarbonate, adjust pH to 8.5 – 9.0, dispense medium under 100% N₂ gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. After autoclaving add thioglycolate from an anoxic stock solution prepared under 100% N₂ gas and sterilized by filtration.