

786. DETHIOSULFOVIBRIO PEPTIDOVORANS MEDIUM

NH ₄ Cl	1.00	g
K ₂ HPO ₄	0.30	g
KH ₂ PO ₄	0.30	g
MgCl ₂ x 6 H ₂ O	3.00	g
CaCl ₂ x 2 H ₂ O	0.10	g
L-Cysteine	0.50	g
KCl	0.10	g
Na-acetate	0.50	g
Yeast extract	1.00	g
Trypticase	5.00	g
NaCl	30.00	g
Trace element solution (see medium 141)	10.00	ml
Resazurin	0.50	mg
Distilled water	1000.00	ml

Prepare medium anaerobically under 80% N₂ + 20% CO₂ gas mixture.

After autoclaving, add from sterile anaerobic stock solution to 10 ml of medium:

Na ₂ S x 9 H ₂ O (3%, w/v)	0.15	ml
NaHCO ₃ (10%, w/v)	0.50	ml
Na ₂ S ₂ O ₃ x 5 H ₂ O (25%, w/v)	0.20	ml

Final pH of the completed medium is 7.3.