

1146. VENENIVIBRIO STAGNISPUMANTIS MEDIUM

KCl	0.50	g
MgCl ₂ x 6 H ₂ O	1.36	g
MgSO ₄ x 7 H ₂ O	7.00	g
Na ₂ S ₂ O ₃ x 5 H ₂ O	2.00	g
CaCl ₂ x 2 H ₂ O	0.40	g
NH ₄ Cl	0.20	g
KH ₂ PO ₄	0.25	g
Trace minerals (see below)	10.00	ml
MES	1.95	g
Distilled water	1000.00	ml

Adjust the pH to 5.5 and gas the media with N₂/CO₂ (80/20) for 15 min at least. Fill 20 ml medium into 100 ml serum bottles, gas the flask containing the media with H₂/CO₂ (80/20) and seal with a rubber stopper. Autoclave the medium for 20 min at 121°C.

After the inoculation the tubes are pressurized with H₂/CO₂/O₂ (79%/15%/6%,170 kPa).

Trace mineral solution:

Na-EDTA x 2 H ₂ O	500.00	mg
CoCl ₂ x 6 H ₂ O	150.00	mg
MnCl ₂ x 4 H ₂ O	100.00	mg
FeSO ₄ x 7 H ₂ O	100.00	mg
ZnCl ₂	100.00	mg
AlCl ₃ x 6 H ₂ O	40.00	mg
Na-tungstate x 2 H ₂ O	30.00	mg
CuCl	20.00	mg
Ni ₂ SO ₄ x 6 H ₂ O	20.00	mg
NaSeO ₃	10.00	mg
H ₃ BO	10.00	mg
Na ₂ MoO ₄ x 2 H ₂ O	10.00	mg
Distilled water	1000.00	ml

Adjust the pH of the solution to 3.0 with HCl.