410: BRACKISH WATER DESULFOVIBRIO (POSTGATE) MEDIUM

Solution A	980.00	ml
Solution B	10.00	ml
Solution C	10.00	ml

Dissolve ingredients of solution A, bring to the boil, then cool to room temperature while sparging with 100% N_2 gas. Add solutions B and C, adjust pH to 7.8 with NaOH, and distribute under 100% N_2 gas atmosphere into anoxic Hungate-type tubes or serum vials. During distribution continuously swirl the medium to keep the grey precipitate suspended. Autoclave 15 min at 121°C.

Solution A

K_2HPO_4	0.50	g
NH_4Cl	1.00	g
Na_2SO_4	1.00	g
NaCl	10.00	g
$CaCl_2$ x 2 H_2O	0.10	g
$MgSO_4$ x 7 H_2O	2.00	g
Na-DL-lactate	2.00	g
Yeast extract	1.00	g
Sodium resazurin (0.1% w/v)	0.50	ml
Distilled water	980.00	ml

Solution B

$FeSO_4$ x 7 H_2O	0.50	g
Distilled water	10.00	ml

Solution C

Na-thioglycolate	0.10	g
Ascorbic acid	0.10	g
Distilled water	10.00	ml