

ATCC Medium: 2755 Desulfovibrio Medium

Solution A

K ₂ HPO ₄	0.5 g
NH ₄ Cl.....	1.0 g
Na ₂ SO ₄	1.0 g
CaCl ₂ x 2 H ₂ O.....	0.1 g
MgSO ₄ x 7 H ₂ O.....	2.0 g
DL-Na-lactate.....	2.0 g
Yeast Extract.....	1.0 g
Resazurin.....	1.0 mg
DI Water.....	980.0 ml

Solution B

FeSO ₄ x 7 H ₂ O.....	0.5 g
DI Water.....	10.0 ml

Solution C

Na-thioglycolate.....	0.1 g
Ascorbic acid.....	0.1 g
DI Water.....	10.0 ml

Dissolve the ingredients of each solution in the appropriate quantities of water. Bring Solution A to a boil for a few minutes. Autoclave Solution A at 121°C and cool to room temperature while gassing with oxygen-free N₂ gas.

Filter sterilize Solution B and Solution C. Add both filtered solutions to Solution A and continue to gas the complete media. Adjust pH to 7.8 with NaOH, and distribute under N₂ in anaerobic tubes. During distribution continuously swirl the medium to keep the grey precipitate suspended.