

173. SPIROCHAETA LITORALIS MEDIUM

D-Glucose	2.0	g
Trypticase peptone (BD BBL)	1.0	g
Yeast extract (OXOID)	1.0	g
1 M Tris-HCl buffer, pH 7.5	50.0	ml
Sea water	750.0	ml
Na-resazurin solution (0.1% w/v)	0.5	ml
L-Cysteine-HCl x H ₂ O	0.5	g
Distilled water	200.0	ml

Dissolve ingredients (except cysteine) and sparge medium for 30 – 45 min with 100% N₂ gas to make it anoxic. Add cysteine and adjust pH to 7.2 – 7.4, then distribute medium under 100% N₂ gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Final pH of the medium should be about 7.2.