

484. THIOMICROSPIRA THYASIRAE MEDIUM**Solution A:**

Na ₂ HPO ₄ x 2 H ₂ O	7.9	g
KH ₂ PO ₄	1.5	g
Distilled water	100.0	ml

Adjust to pH 7.6.

Solution B:

NH ₄ Cl	0.4	g
MgSO ₄ x 7 H ₂ O	0.1	g
NaCl	25.0	g
Agar (for solid medium)	15.0	g
Distilled water	860.0	ml

Solution C:

Trace element solution (see medium 333)	10.0	ml
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Solution D:

Na ₂ S ₂ O ₃ x 5 H ₂ O	5.0	g
Distilled water	20.0	ml

Solution E:

Vitamin solution (see below)	10.0	ml
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Autoclave *solutions A, B and C* separately and mix when cool. After autoclaving, add thiosulfate, trace elements and vitamins from sterile stock solutions to complete the medium. Adjust pH of complete medium to 7.3 – 7.6.

Vitamin solution:

Thiamine-HCl x 2 H ₂ O	10.0	mg
Nicotinic acid	20.0	mg
Pyridoxine-HCl	20.0	mg
p-Aminobenzoic acid	10.0	mg
Riboflavin	20.0	mg
Ca-pantothenate	20.0	mg
Biotin	1.0	mg
Vitamin B ₁₂	1.0	mg
Distilled water	1000.0	ml

Adjust pH to 7.0.