

1291. CHTHONOMONAS MEDIUM**Solution A:**

(NH ₄) ₂ SO ₄	4.00	g
K ₂ HPO ₄	0.45	g
MgSO ₄ x 7 H ₂ O	0.60	g
CaCl ₂ x 2 H ₂ O solution (0.1% w/v)	5.00	ml
Trace elements solution SL-11 (see medium 722)	1.00	ml
Distilled water	500.00	ml

Solution B:

Gellan Gum (Phytigel or Gelrite)	15.00	g
MgCl ₂ x 6 H ₂ O	1.00	g
Distilled water	500.00	ml

Solution C:

Yeast extract	0.01	g
Vitamins solution (see medium 503)	1.00	ml
Distilled water	9.00	ml

Dissolve ingredients of *solution A* and adjust pH to 6.5. Autoclave *solutions A* and *B* separately, let cool down to approx. 70°C and combine both solutions while mixing. To the combined solution add *solution C* (sterilized by filtration) under aseptic conditions and pour plates by using 20 ml medium per petri dish.