

938. ST21 AGAR FOR CELLULOSE DEGRADERS**Solution A:**

K ₂ HPO ₄	1.0	g
Yeast extract (Difco)	20.0	mg
Agar	14.0	g
Tap water	600.0	ml

Solution B:

KNO ₃	1.0	g
MgSO ₄ x 7 H ₂ O	1.0	g
CaCl ₂ x 2 H ₂ O	1.0	g
MnSO ₄ x 7 H ₂ O	0.1	g
Tap water	300.0	ml

Solution C:

FeCl ₃	0.2	g
Tap or distilled water	100.0	ml

Autoclave solutions separately and combine after cooling to 50°C. A slight precipitate does not restrict agar quality. Adjust pH to 7.2 with KOH using pH indicating paper strips before pouring plates. Place 3-4 strips of filter paper (ca 1 cm²) on the gelled plates and inoculate the filter strips.