

840. SERPULINA MURDOCHII MEDIUM

Trypticase Soy Agar (BBL 11043) with 5% defibrinated sheep blood or Columbia Agar Plates with 5% sheep blood (BBL 4354005).

Cultivation in liquid medium:

Prepare Trypticase Soy Broth (BBL 11774) under 80% N₂ + 20% CO₂ gas mixture in Hungate tubes (5 ml per tube) or in 100 ml serum bottles (10 ml per bottle). After autoclaving and cooling add (per tube/per bottle):

0.30 ml/0.60 ml sterile 10% w/v NaHCO₃ solution
0.35 ml/0.70 ml sterile bovine serum
(heat inactivated at 56°C for 45 min)
0.05 ml/0.10 ml sterile 30% w/v glucose solution
0.5 ml/5.0 ml air

Incubate inoculated tubes in slanted position.