



NRRL Medium No. 46

Modified Arabinose Gluconate Agar (MAG)

Per liter of medium:

HEPES	1.3 g
MES	1.1 g
Yeast Extract	1.0 g
L-arabinose	1.0 g
D-gluconic acid (sodium salt)	1.0 g
KH ₂ PO ₄	0.22 g
Na ₂ SO ₄	0.25 g
Agar	20.0 g

Stock Solutions:

NH ₄ Cl (16g/100mL)	2.0 mL
FeCl ₃ (0.67g/100mL)	1.0 mL
CaCl ₂ ·2H ₂ O (1.5g/100mL)	1.0 mL
MgSO ₄ ·7H ₂ O (18g/100mL)	1.0 mL

Adjust pH to 6.6 with KOH. Sterilize by autoclaving at 121°C for 15 minutes.