NIDB Medium 7

Middlebrook 7H10 Agar

Agar Medium:

Difco™ Middlebrook 7H10 Agar (BD 262710) ..... 4.7 g
DI Water ..... 900 mL
Glycerol ..... 5 mL

Autoclave at 121°C for 10 minutes.

Aseptically add 100 mL of Middlebrook OADC Enrichment (BD Cat. No. 212351) to the medium when cooled to 50-55°C.

*This product is commercially available from BD.

To make medium from scratch, follow formulation below:

7H10 Agar Composition:

Ammonium Sulfate ..... 0.5 g
Monopotassium Phosphate ..... 1.5 g
Disodium Phosphate ..... 1.5 g
Sodium Citrate ..... 0.4 g
Magnesium Sulfate ..... 25.0 mg
Calcium Chloride ..... 0.5 mg
Zinc Sulfate ..... 1.0 mg
Copper Sulfate ..... 1.0 mg
L-Glutamic Acid (sodium salt) ..... 0.5 g
Ferric Ammonium Citrate ..... 0.04 g
Pyridoxine Hydrochloride ..... 1.0 mg
Biotin ..... 0.5 mg
Malachite Green ..... 250.0 µg
Agar ..... 15.0 g
DI Water ..... 900 mL

Final pH 6.6 ± 0.2.

BBL™ Middlebrook OADC Enrichment:

Sodium Chloride ..... 8.5 g
Dextrose ..... 20.0 g
Bovine Albumin (Fraction V) ..... 50.0 g
Catalase ..... 0.03 g
Oleic Acid ..... 0.6 mL
DI Water ..... 1000 mL

Final pH 6.9 ± 0.2