

NIDB Medium 6

Middlebrook 7H9 Broth

Broth Medium:

Difco™ Middlebrook 7H9 Broth (BD 271310) 25.0 g
DI Water 900 mL
2 mL glycerol or 0.5 g polysorbate 80

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 45°C.

*This product is commercially available from BD.

To make medium from scratch, follow formulation below:

7H9 Broth Composition:

Ammonium Sulfate 0.5 g
L-Glutamic Acid 0.5 g
Sodium Citrate 0.1 g
Pyridoxine 1.0 mg
Biotin 0.5 mg
Disodium Phosphate 2.5 g
Monopotassium Phosphate 1.0 g
Ferric Ammonium Citrate 0.04 g
Magnesium Sulfate 0.05 g
Calcium Chloride 0.5 mg
Zinc Sulfate 1.0 mg
Copper Sulfate 1.0 mg
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