ATCC Medium: 1561       Middlebrook w/STREP 100

Note: Middlebrook 7H10 contains agar, Middlebrook 7H9 is for broth

For Solid Media
Middlebrook 7H10 (BD 262710)..........19.0 g
Glycerol........................................... 5.0 ml
DI Water...........................................850.0 ml

Add 19 grams of dehydrated Middlebrook 7H10 medium to 900 ml of water containing 5.0 ml of glycerol. Bring to a boil to dissolve and autoclave at 121°C for 30 minutes. Cool to 50-55°C.

Aseptically add 100 ml of AODC Enrichment and 100 mcg of strep 100. Dispense as required.

OADC Enrichment (see below)…..100.0 ml
STREP (100 mcg/ml)......................50.0 ml

OADC Formulation:

Add Per Liter of Middlebrook

Oleic Acid (Sigma Cat # O-1008)................. 0.05g
Albumin Fraction V Bovine (Sigma A9647-1KG)...5.0 g
Dextrose (BD 215530)........................................2.0 g
Catalase, beef (Sigma C-9322).........................0.004 g
NaCl..................................................0.85 g
Distilled water.....................................100 ml

For Broth

Middlebrook 7H9 Broth (271310) .............4.7 g
Glycerol................................................2.0 ml
Distilled water.................................850.0 ml

Dissolve 4.7 grams of dehydrated Middlebrook 7H9 Broth into 900 ml of deionized water. Add 2.0 ml of Glycerol. Mix well. Autoclave at 121°C

Aseptically add 100ml of Middlebrook ADC Enrichment (see Below) Dispense as required.

ADC ..............................................100.0 ml
Strep 100 (100mcg/ml)...........50.0 ml

ADC Enrichment formula:

Bovine Serum Albumin, Frac V...........5.0 g
Dextrose...........................................2.0 g
Catalase (beef).................................3.0 mg
DI water...........................................100.0 ml

Filter Sterilize.