

ATCC Medium 1561: Middlebrook Medium w/Streptomycin 100 µg/mL

Note: for this Medium Agar and Broth use different formulations as shown below

Agar Base Medium

Middlebrook 7H10 (BD 262710).....	19.0 g
Glycerol	5.0 mL
DI Water	850.0 mL

Autoclave at 121° C for 30 minutes. Cool to ~ 50-55°C.

Aseptically add the following filter sterilized supplements:

OADC Enrichment (see below)	100.0 mL
Streptomycin Solution (see below).....	50.0 mL

OADC Enrichment

Oleic Acid (Sigma Cat # O-1008)	0.05 g
Albumin Fraction V Bovine (Sigma A9647-1KG)	5.0 g
Dextrose (Difco 215530)	2.0 g
Catalase (beef) sigma C-9322)	0.004 g
NaCl	0.85 g
Distilled water	100.0 mL

Filter sterilize.

Streptomycin solution (100µg/mL)

Streptomycin	100.0 mg
DI Water.....	50.0 mL

Filter sterilize.

Broth Base Medium

Middlebrook 7H9 Broth (BD 27131).....	4.7 g
Glycerol	2.0 mL
Distilled water	850.0 mL

Autoclave at 121° C for 10 minutes.

Aseptically add the following filter sterilized supplements:

ADC Enrichment (See below)	100.0 mL
Streptomycin Solution (See below).....	50.0 mL

ADC Enrichment

(Difco 0714-64)

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

Filter Sterilize.

Streptomycin solution (100µg/mL)

Streptomycin	100.0 mg
DI Water.....	50.0 mL

Filter sterilize.