

ATCC Medium: 1843 SP-4 without serum

REAGENTS:

N/A **Base Media**

Mycoplasma Broth Base (PPLO Broth Base w/o crystal violet)	3.5 g
Tryptone	10 g
Peptone	5.3 g
Glucose	5 g
Sodium Bicarbonate	1.1 g
Yeastolate	2 g
Agar	10 g
DI water	946 ml

N/A **Additive Solution (filtered and added aseptically)**

Penicillin G Solution (200 unit/ml, SEE below)	50 ml
Yeast Extract	8.8 g
0.5% Phenol Red Solution (see below)	4 ml
L-Glutamine	0.6 g

N/A **Penicillin G Solution (200 unit/ml)**

Penicillin G	10 mg
DI water	50 ml

N/A **0.5% Phenol Red Solution**

Phenol Red	0.5 g
0.1N NaOH	20 ml
DI water	80 ml

PROCEDURE:

Steps

N/A **To make ATCC medium 1843:**

Accurately measure / weigh out components for base medium

Dissolve completely into DI water

Start:

End:

Using NaOH, adjust to pH 7.6

Autoclave at 121 °C

Cool to ~50 °C

Aseptically add filtered Additives solution

If necessary, check to ensure that the pH = 7.6

Dispense as required

N/A **To make Additives Solution:**

Accurately prepare and weigh out components

Dissolve completely into DI water

Filter sterilize