

ATCC medium: 798 Plant mycoplasma medium

1. Autoclavable Fraction:

D-Glucose.....	0.1 g
D-Fructose.....	0.1 g
Sucrose.....	1.0 g
Tryptone (BD 211705).....	1.0 g
Sorbitol.....	7.0 g
PPLO Broth w/o CV (BD 255420).....	2.1 g
Peptone.....	0.8 g
Distilled water.....	70.0 ml

Adjust pH to 7.8 with N NaOH. Autoclave at 121C for 15 minutes. Cool to room temperature.

2. Aseptically add the following nonautoclavable components:

Schneider's Drosophila Medium (GIBCO 11720).....	160.0 ml
Fetal bovine serum (heat-inactivated).....	50.0 ml
Yeast Extract Solution (GIBCO 18180).....	10.0 ml
Phenol red (0.5%).....	1.2 ml

Final pH of complete medium should be approximately 7.4.

Preparation of M-1 Solid Medium:

1. Add 5.0 g Agar, Noble (BD 214230) to autoclavable fraction. Autoclave 15 minutes at 121C. Equilibrate at 56C.
2. Equilibrate heat-inactivated serum, phenol red, and yeast extract at 56C.
3. Equilibrate Schneider's rapidly to 37C.
4. Mix components rapidly. Pour immediately.