

ATCC Medium 988: Spiroplasma Medium

Basal Medium

PPLO Broth w/o Crystal Violet (Difco)	11.0 g
Tryptone (Difco)	10.0 g
Agar (if desired)	15.0 g
DI Water	500.0 mL

Adjust pH to 7.3-7.4. Autoclave at 121°C for 15 minutes.

If agar is used, cool to 50-55 C in a water bath.

Combine the 500mL of additive solution to the basal medium. Gently mix.

If necessary, readjust pH to 7.35 +/- 0.1.

Dispense into appropriate vessel type.

Additive Solution

CMRL-1066 Medium*	50.0 mL
L-Glutamine (if not in the CMRL)	5.0 mg
Yeast Extract Solution (Gibco cat 18180-059)	60.0 mL
TC Yeastolate (Difco 5577)	2.0 g
Fetal bovine serum (heat inactivated)**	170.0 mL
Phenol Red Solution (0.1%, See below).....	20.0 mL
Glucose	5.0 g
DI water	200.0 mL

Combine ingredients and filter sterilize.

Phenol Red (0.1%)

Phenol Red.....	0.1 g
0.1N NaOH.....	20.0 mL
DI Water.....	80.0 mL

Mix phenol red and 0.1N NaOH until dissolved. Add DI water and mix well.

If necessary, add 6N NaOH dropwise to complete dissolving.