

ATCC Medium 7155: LB Medium, Miller with 50µg/mL Kanamycin and 25µg/mL Chloramphenicol

Agar Medium

LB Agar (BD 244520).....	40 g
DI Water.....	900 mL
Kanamycin Solution (see below).....	50 mL
Chloramphenicol solution (see below).....	50 mL

Broth Medium

LB Broth (BD 244620).....	25 g
DI Water.....	900 mL
Kanamycin Solution (see below).....	50 mL
Chloramphenicol solution (see below).....	50 mL

Autoclave agar/broth at 121°C and aseptically add kanamycin and chloramphenicol solutions.

Kanamycin solution

Kanamycin.....	50 mg
DI water.....	50 mL

Chloramphenicol solution

Chloramphenicol.....	25 mg
DI water.....	50 mL

Filter sterilize both solutions before adding to base medium.

This product is commercially available from BD.

**To make medium from scratch, follow formulation below:

****LB Medium, Miller Composition**

Tryptone.....	10.0 g
Yeast Extract.....	5.0 g
Sodium Chloride.....	10 g
*Agar.....	15.0 g
DI Water.....	1.0 L

Final pH 7.0 +/- 0.2.

*Omit agar for broth medium.