

ATCC Medium 1639: LB Medium (Miller) w/50 µg/mL Spectinomycin

Agar Medium

LB Agar (BD 244520)..... 40 g
DI Water..... 950 mL

Broth Medium

LB Broth (BD 244620)..... 25 g
DI Water..... 950 mL

Autoclave broth/agar at 121°C, cool to about 50-55°C and aseptically add spectinomycin Solution.

Spectinomycin Solution

Spectinomycin..... 50 mg
DI Water..... 50 mL

Filter Sterilize spectinomycin solution before adding to LB base medium.

Note: This product is commercially available from BD.

**To make base LB medium from scratch please see formulation below

****LB Agar, Miller Composition**

Tryptone.....10 g
Yeast Extract..... 5 g
Sodium Chloride.....10 g
Agar***15 g

Final pH 7.0 +/- 0.2.

***Omit agar for broth medium.