

LB plates (per 1 liter)

10 g Bacto-Tryptone
5 g Bacto-Yeast extract
5 g NaCl

20 g agar

common sense protocol:

1. Put about 700ml distilled water into 1 liter.
 2. Put Tryptone, Yeast Extract and NaCl in to the beaker, and dissolve.
 3. Volume up to 1L.
 4. Put 20g agar into bottle. Put 1L of LB liquid to the bottle.
 5. Put strainer bar.
 6. Put foil and autoclave tape.
 7. Autoclave.

 8. Add Amp 100mg/ml at final concentration after the media gets cool down (You should be able to touch and hold the bottle for more than 10 seconds)
 9. Pour plates (You will get 40 plates from 1 liter)
 10. Dry the plates for 1 day.
 11. Store the plates at 4 degrees.
- *Use it within 1-2 months.

Ampicillin (50mg/ml)

Make 50mL of 1000X Amp

2.5g Amp (Sigma A9518)
50mL ddH₂O
--50mL Total

Slowly add amp powder to ddH₂O in conical. Mix till dissolved. Make 1mL aliquots in microfuge tubes. Freeze.

Kanamycin (30mg/ml)

Make 50mL of 1000X Kan

1.5g Kanamycin
50mL ddH₂O
--50mL Total

Slowly add amp powder to ddH₂O in conical. Mix till dissolved. Make 1mL aliquots in microfuge tubes. Freeze.