

**LB BROTH, LB-TETRACYCLINE, LB AGAR, LB-TET AGAR  
(1 LITER)**

**LB BROTH**

- 10 g NaCl
- 10 g Bacto-tryptone
- 5 g Yeast Extract
- Add dH<sub>2</sub>O to final volume of 1 liter
- Adjust to pH 7.5 with 5 N NaOH (~200 ul)
- Autoclave 30 min liquid cycle.

**LB-TET BROTH**

- Make 1 liter LB broth
- Autoclave
- Cool to 55°C
- Add 12.5 mg of filter-sterilized tetracycline
- Store broth in a dark, cool place as tetracycline is light-sensitive

**LB AGAR**

- Make 1 Liter of LB broth
- Add 20 g Bacto-agar
- Autoclave

**LB-TET AGAR**

- Make 1 liter LB agar
- Autoclave
- Cool to 55°C
- Add 12.5 mg of filter-sterilized tetracycline.
- Pour plates and store in a dark, cool place.