

Preparation of LB plates

1. Melt LB-agar in the microwave oven.
2. If an antibiotic is used on the plates, add the antibiotic (according to the conventional working concentration) in the LB-agar once it has cooled down sufficiently. Note that addition of antibiotics when media is still hot can cause degradation of antimicrobial agent thus disable selection with antibiotic added.
3. Pour ~20mL in each petri dish.
4. Store the plates in cold room.

LB broth preparation

1. Weigh the dry ingredients (for 1L of medium):
 - Bacto Yeast Extract 5g
 - Bacto Tryptone 10g
 - Sodium chloride 5g
2. Add H₂O up to ~600mL and adjust the pH to ~7.2.
3. Adjust the final volume to 1L with H₂O.