

PREPARATION OF LB AGAR AND LB CHLORAMPHENICOL PLATES

MATERIALS

LB broth (powder)

Bacteriological Agar

100mg/ml Chloramphenicol Solution

PREPARATION OF LB-AGAR PLATE (500ml)

1. Add 12.5g of LB broth powder into an appropriate bottle
2. Add 7.5g of Agar
3. Autoclave
4. Pour hot/ warm (melted) media at 20ml per petri dish

[Note: stack plates on top of each other when preparing several plates to prevent plates from sweating]

PREPARATION OF LB-AMP PLATE (500ml)

1. Add 12.5g of LB broth powder into an appropriate bottle
2. Add 7.5g of Agar
3. Autoclave
4. Allow media to cool till it can be felt at the back of the palm without burning (but still not solidified).
5. Add 500µl of 100mg/ml Chloramphenicol solution
6. Swirl to mix the antibiotic uniformly in the media
7. Pour the melted media at 20ml per petri dish.

[Note: stack plates on top of each other when preparing several plates to prevent plates from sweating]