

LB and LB/Antibiotic Plates

LB

20g Luria Broth Base (Invitrogen 12795-084)

1L Distilled Water

Autoclave on liquid cycle 45'

LB Plates

20g Luria Broth Base (Invitrogen 12795-084)

15g Agar (not agarose)

up to 1L with distilled water

-Mix well, will still appear cloudy

-Autoclave on liquid cycle for 45'

-Allow to cool for ~45' or until can handle flask with bare hands comfortably, but before agar has solidified

-optional: add antibiotic

-pour into plates 100mm plates

-bubbles can be eliminated by quick flaming with bunsen burner

-leave at room temp o/n to allow condensation to decrease

-label plates and store at 4°C