

LB Broth Medium

1. Make LB Broth (stock) 900ml

- Background :
LB broth is used to grow E. coli
- Purpose :
Make the stock if we want to culture the E. coli
- Tools and material :
Tools
 1. 500 mL bottle
 2. Magnetic stirrer
 3. Stirrer
 4. Autoclave band
 5. ScalesMaterial
 1. Trypton 9 gr, yeast 4,5 gr
 2. NaCl
 3. dH₂O
- Procedure :
 1. Mix tripton, yeast, and NaCl with ratio dH₂O (1:0,5:1:0,1) (Trypton:yeast:NaCl:dH₂O)
 2. Pour the dry powder into 500 mL bottle
Powder solution measured by scales, pour it to 500 mL bottle, if there's excess use dH₂O
 3. Add dH₂O till 900 ml
 4. Close the bottle and pinned the autoclave band
Autoclave band will be black
 5. Autoclave broth, before import into DNA room
 6. Let the LB broth cooling down and then put into fridge (kulkas -40°C)
- Result :
Transparent yellow LB both