

Preparation of LB Media

By Penn iGEM 2013

Goal: Make sterile media for cells to grow in.

Protocol:

- 1) Obtain a 1 L glass bottle
- 2) Measure out 20g of LB broth powder
- 3) Add stir bar to bottle
- 4) Add 1L of Deionized water to bottle
- 5) Add LB broth powder to bottle
- 6) Stir on stir plate until reasonably consistent. There should be minimal powder settled at bottom
- 7) Autoclave it
 - a. Make sure the cap is loose
 - b. Don't forget autoclave tape to indicate bottle reached proper temperature
 - c. Set to 15 minutes at 121 degrees Celsius
- 8) Remove from autoclave when complete
- 9) Store at room temperature or 4 degrees Celsius fridge