



## iGEM Pasteur Paris 2016 Protocols



### STAB CULTURE

**Aim:** To store a clone of bacteria to be used later.

**Material:**

- Microbiology material ([click on this link](#))
- LB medium
- antibiotic (Carbenicillin or Chloramphenicol at 50 µg/ml or 34 µg/ml respectively in our experiments)
- agar
- 2 ml screw-cap vial under sterile conditions

**Protocol:**

1. Prepare and autoclave 0.7% LB agar (standard LB medium containing 7 g/L agar).
2. Cool the LB agar to below 50°C (when you can hold it comfortably) and add the appropriate antibiotic(s). While still liquid, add 1 ml agar to a 2 ml screw-cap vial under sterile conditions, then let solidify.
3. Using a sterile toothpick, pick a single colony from a freshly grown plate and stab it deep into the soft agar several times.
4. Incubate the vial at 37°C for 8–12 h leaving the cap slightly loose.
5. Seal the vial tightly and store in a dark place, preferably at 4°C.

