

1. Make about 10 LB agar plates without antibiotic.
2. Label the bottom of the plate with the bacteria name and the date and your initials.
3. Keep your lab bench area sterile by working near a flame or bunsen burner.
Using a sterile pipette tip, touch the bacteria growing within the punctured area of the stab culture.
See the figure below.
4. Run this tip lightly over a section of the plate to spread the bacteria over approximately one-third of the surface area of the plate, as shown in the figure to the right, to create streak #1.
5. Using a fresh sterile pipette tip, pass through streak #1 and spread the bacteria over the next one-third section of the plate, to create streak #2.
6. Using a third sterile pipette tip, pass through streak #2 and spread the bacteria over the last one-third section of the plate, to create streak #3.
7. Incubate the plate overnight (12-18 hrs) at 37C.

8. Bacterial Stab



Streak Diagram



Single Colony on Streaked Plate

