

Module: Streak Plate technique

Procedure

1. Sterilize the inoculating loop in the bunsen burner by clicking on the loop and dragging it to the burner. Put the loop into the flame until it is red hot. Allow it to cool.
2. Pick an isolated colony from the agar plate culture and spread it over the first quadrant (approximately 1/4 of the plate) using close parallel streaks.
3. Flame the loop.
4. Turn the plate 90° and lightly sweep the loop 1-2 times through the inoculated area, then streak into the next quadrant without overlapping the previous streaks.
5. Flame the loop.
6. Turn the plate 90°, overlap the previous area 1-2 times, and streak into the next quadrant as in step 4.
7. Flame the loop.
8. Repeat #6, streaking the remainder of the plate.
9. Invert the plate and incubate at 37°C for 24 hr.

