

BIOL 3702L Skills Test II Instructions

Streak Plate

You will be provided an 18-24 hour old broth culture containing *Escherichia coli*, *Serratia marcescens*, and *Staphylococcus aureus*. Obtain a nutrient agar or tryptic soy agar plate and perform your very best streak plate from this mixed broth.

Be sure that your streak plate is labeled with your name and date on the bottom. Incubate the plate at 37°C for 18-24 hours. Return to the laboratory and transfer your plate to the refrigerator as instructed. At the next laboratory period, submit your finished product to your course instructor/teaching assistant for scoring.

The course instructor/teaching assistant will examine your streak plate and offer constructive criticism. You will receive a score from 0-5 points, depending upon the quality of your streak plate. If you receive a score of 3 or less, you will be offered the opportunity to repeat the test to increase your score by one point if the quality of your second attempt improves.

The scoring of this skills test is subjective, but mainly based upon the quality of the streak plate in terms of isolated colonies.

Version 011315