Nutrient Agar Plate Cultures

Culture as follows:

Plate 1: Draw a line on the bottom of the plate (the side with the agar in it) to divide your plate in half. On one side touch the plate with your fingers. Go wash your hands really well (30 secs-SCRUB!!) with soap and warm water. Don’t touch anything else after you wash your hands, except for a paper towel. Then come back and touch the other side of the plate with your clean fingers. Be sure to label your plate around the edge with your name, date and lab section. Also, be sure to label which side is “clean fingers” and which side is “dirty fingers”.

Predictions:

Results:

Plate 2: Draw a line on the bottom to divide your 2nd plate in half. Inoculate your second plate using the sterile swabs provided. Select a place on your body to collect a sample and inoculate one side of the plate with a streak (I’ll demonstrate this). Next, select a surface indoors or out and collect a sample to inoculate the other side of the plate.

Predictions:

Results: