

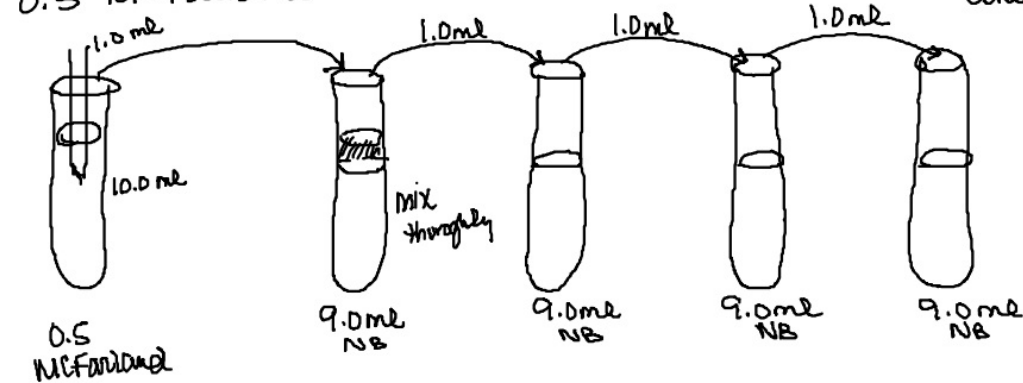
4/15/10

Serial Dilution Lab

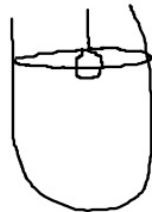
McFarland - dilution standards - visual verification or densitometer

0.5 McFarland = 1.5×10^8 CFU/ml

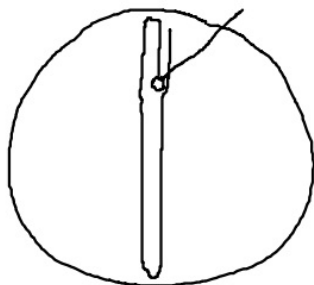
CFU = colony forming unit.



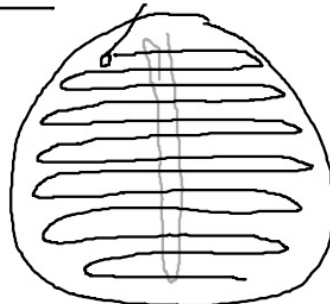
1 μ l or 0.001 ml
new loop each plate



Colony Count Plate

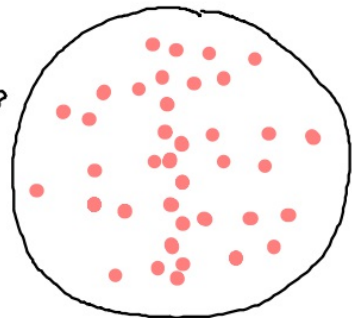


NA plate
initial streak



2nd streak

24-48
hours



4/15/16

Serial Dilution Lab

To quantify the # of bacteria present in a liquid specimen.

McFarland Standard = designates quantity of bacteria in a set volume. CFU/ml
CFU = colony forming unit.

