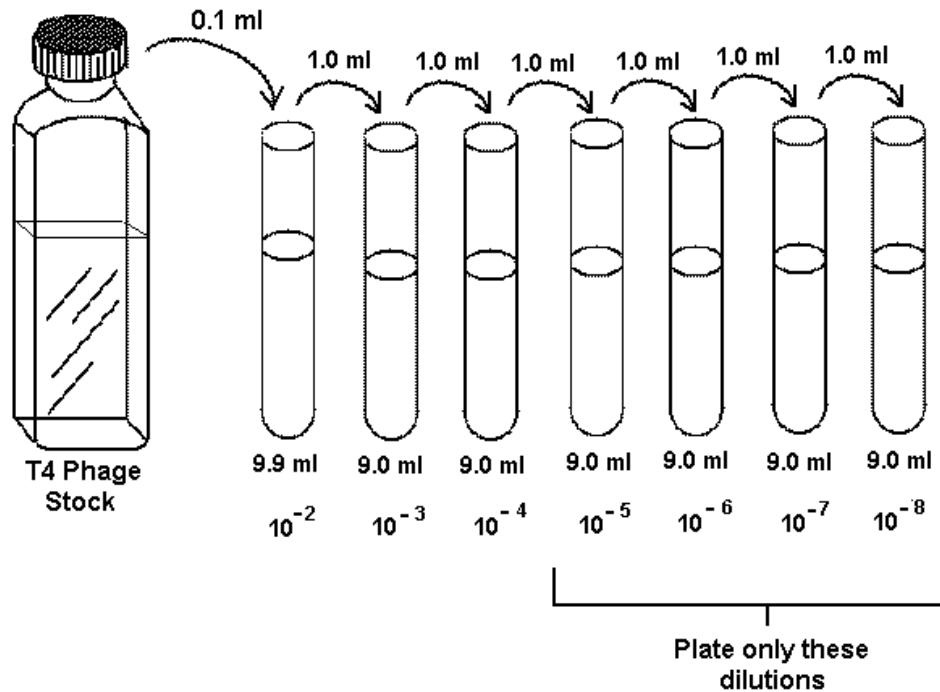
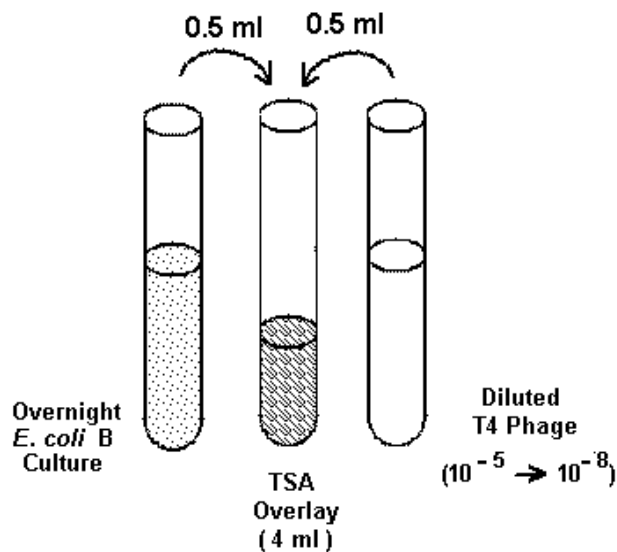


Phage Enumeration - Biol 315L

1. Grow *Escherichia coli* B in 10 ml TSB overnight.
2. Each table will dilute T4 phage stock as follows:



3. Pre-label the plates with the corresponding phage dilution and the volume to be plated (0.5 ml).
4. Add 0.5 ml of *E. coli* B and 0.5 ml of diluted T4 phage to a melted TSA overlay (4.0 ml). Mix overlay carefully by rolling the tube back and forth between the hands, then add to a TSA plate. Gently swirl the plate in a Figure 8 pattern to distribute inoculated overlay evenly.



5. Let all of the TSA plates harden with the lid up, then incubate at 35 °C for 24 hrs. Count the plaques during next period.