



COC Biotechnology Program

Protein Standard Curve Post Lab

1. What is meant by the term “assay?”
2. Describe two different types of assays other than the one you worked on in this lab.
3. Describe how the protein color development solution yields a color change.
4. If you had an 80 μ l sample of 1.5 mg/ml concentration, what would the final concentration be if the final sample is diluted to 150 μ l? (hint: $C_1V_1=C_2V_2$).
5. What correlation is apparent between absorbance and protein concentration?
6. Describe the process of interpolating the ABS of an unknown protein using a standard curve to determine the concentration of that sample. A diagram of an example graph may be useful.