The Biochemistry Formal Laboratory Report

Title Page: (5 points)

  Descriptive title
  Course Name, Number, and Section
  Date Experiment Completed
  Name of Person Submitting Report (Underlined)
  Name of Lab Partner(s)

Introduction: (20 points)

The introduction should state the purpose of the experiment and should contain a brief description of the general experimental principles or procedures involved. Generally, research articles contain a section detailing experimental methods following the introduction. However, it is not necessary to include a methods section in your reports since the methods are already in the lab manual.

Results: (30 points)

The results section should contain the experimental data neatly and concisely arranged in tables and/or figures, which appropriate titles, legends and units. This section should also include at least one sample calculation showing ALL steps from your raw data to the final result.

Discussion: (30 points + 10 points from notebook)

The discussion section should briefly discuss the significance of the results obtained. The background reading assigned will be helpful in this. If possible, compare your data with known values and results from the literature. This is also the section to explain any problems or "surprises" encountered during the experiment. If you can think of a better way to do the experiment, tell us in this section. Please incorporate the answers to any assigned questions from the lab manual in this section.

References: (5 points)

Literature cited in the report should be listed here. References should be complete, ie should contain authors, title, volume, pages, and year of the referenced work. Textbooks, referenced fully, can also be included here. Each report should contain at least 2-3 references other than the lab manual.

ALL LAB REPORTS ARE TO BE TYPED AND ARE DUE ONE WEEK FROM THE COMPLETION OF THE EXPERIMENT.