

Title – Label the title of the experiment in bold print and in upper case. The Authors should follow the title and then the college.

*Example:*

**Protein Isolation and Purification Assay**

First Name Last Name\*, Lab Partner (If any)

Department of Chemistry, California Institute of Technology

Abstract – In a few sentences briefly state the purpose of the experiment and a summary of the results obtained. (2 – 3 sentences)

*Example:*

Enzyme A is easily isolated from the source cell upon lyses with reagent X. The protein was then isolated by gel filtration and purified by HPLC. The protein was collected in high yields and retained 80% of its enzyme activity.

Introduction – The introduction should give a brief background on the subject and should clearly state the goal of the experiment. (1 page maximum)

Procedure – skip

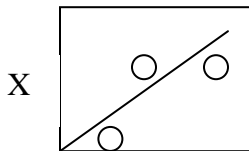
Results – This includes the raw data collected during the experiment and the calculations.

- Data – The data should be well organized and should include units. Data tables should be labeled at the top of the table. Plots (graphs) should be labeled at the bottom of the plot.
- Calculations – Show equations used for calculations.

*Example:*

**Table 1.** Assay Results.

Reagent	Activity	Purity
GRX	77 %	82%
XXX	45%	50%



**Figure 1.** Plot

Discussion – Summary of the experiment. (Were the state goals of the experiment obtained?)  
Conclusion. (2 – 5 sentences)

References - All published resources should be listed at the end.