

Name:

Lab Partner(s):

Total Score: ____/

BioChem Lab Report Rubric

	<i>Insufficient Evidence</i> 6 5	<i>Approaches Standard</i> 8 7	<i>Meets Standard</i> 9 8.5	<i>Exceeds Standard</i> 10 9.5
Introduction <i>(Present Tense Verbs)</i>	*Minimally explains science concepts being studied *Incorrectly states purpose(s) of lab *Unclearly states testable hypothesis OR minimally uses evidence to support	*Explains some science concepts studied *Unclearly states purpose(s) of lab *Partially states testable hypothesis OR uses some evidence to support	* Accurately explains science concepts being studied *States purpose(s) of lab *States testable hypothesis and uses evidence to support	* Accurately and thoroughly explains science concepts being studied *Thoroughly states purpose(s) of lab *States testable hypothesis and uses strong evidence to support
Materials and Methods <i>(Past Tense Verbs)</i>	*Minimally describes how the experiment was personally performed *Minimally explains why particular techniques and/or materials were used *Minimally names key scientific equipment	* Partially describes how the experiment was personally performed * Explains why some techniques and/or materials were used *Uses correct names for some key scientific equipment	*Describes how the experiment was personally performed and includes safety precautions *Explains why particular techniques and/or materials were used *Uses correct names for most key scientific equipment	*Thoroughly describes how the experiment was personally performed and includes safety precautions *Thoroughly and correctly explains why particular techniques and/or materials were used *Uses correct names for all scientific equipment
Results <i>(Past Tense Verbs)</i>	*Minimally reports results, observations, and data *Poorly organizes data; does not report data trends *Minimally includes figure titles, labels, and units	*Reports some results, observations, and data *Organizes data so reader can see some data trends *Includes some figure titles, labels, and units	*Reports most observations, and data trends *Organizes data so reader can see most data trends *Includes most figure titles, labels, and units	* Reports all observations and data trends *Organizes data so the reader to see all data trends *Includes all figure titles, labels, and units
Discussion <i>(Present Tense Verbs)</i>	*Minimally discusses whether hypothesis was supported *Unclearly states conclusion *Minimally supports conclusion with data from "Results" section AND concepts learned in class *Minimally discusses error	*Partially discusses whether hypothesis was supported * Partially states conclusion * Partially supports conclusion with data from "Results" section AND concepts learned in class *Discusses some error	*Discusses whether hypothesis was supported *States conclusion *Supports conclusion with data from "Results" section AND concepts learned in class *Discusses error * Presents a clear concluding sentence that addresses applications or next steps.	*Thoroughly discusses whether hypothesis was supported * Thoroughly states conclusion *Strongly supports conclusion with data from "Results" section AND concepts learned in class *Thoroughly discusses error *Presents an insightful concluding sentence that addresses applications or next steps.
Format and Conventions	*Minimally uses science vocabulary *Many spelling or grammar errors	*Uses some science vocabulary *Some spelling or grammar errors	*Uses science vocabulary * Few spelling or grammar errors	*Uses extensive science vocabulary *No spelling or grammar errors

*The lab report must have FULL NAME, DATE, LAB #, TITLE, and SECTION HEADINGS.

* The lab report must be TYPED, double spaced, using 12-point Times Roman Font, and 1-inch margins.

* The lab report may be no more than 2 typed pages.

1 point will be subtracted for each missing item.