

Lab Report Guidelines

Laboratory report is an important tool in recording what you did in a lab. Your report may contain the following sections

- 1) Title page
The page contains the following information:
 - Title of the lab,
 - Your name,
 - Course name and number,
 - Section numbers,
 - Date and duration,
 - Lab Location.

Followed by the following statement and your signature

“The work in this report is my own. I have read and understood York University academic dishonesty policy and I did not violate the senate dishonesty policy in writing this report.”

Your signature

- 2) Introduction
 - A short description on the goals and assigned tasks for the lab.
- 3) Methods and equipment
 - A list of equipment (computer, operation system, software, etc).
- 4) Experimental procedure and results
 - Describe the process in chronological order. You may follow the order in lab manual.
 - Record your data (results, computer output, etc).
 - Discuss your results. This is the most important part of your report. It shows your understanding of the experiment beyond the simple level of completing it.
- 5) Evaluations and Conclusions
 - How good were your experimental results?
 - What difficulties did you encounter and how you overcome them?
 - If you did not complete the tasks in the allotted time, analyze what went wrong and indicate how you expect to avoid similar difficulties in future labs.

Suggested reading on Lab report writing:

<http://www.mhhe.com/biosci/genbio/maderinquiry/writing.html>

<http://www.writing.utoronto.ca/advice/specific-types-of-writing/lab-report>

Please note the following points in your report.

1. Clearly state lab section numbers and questions numbers (only the ones which require your answer/comment) following the lab manual
E.g. LabC1
 1. ...
 2. ...
 LabC2
 7. ...
 16. ...
 etc.
2. If you use screenshots to show your work, please make sure they are readable when printed.
3. Do not write introduction/conclusions for each Lab section, there should only one "Introduction" at the beginning and one "Conclusions" at the end of the lab report.
4. Do not rewrite the questions from the Lab Manual, just providing the question number is sufficient.
5. Use 12 pt single spaced font.