**YILDIZ TECHNICAL UNIVERSITY**

**DEPARTMENT OF BIOMEDICAL ENGINEERING**

**BME2901 BIOCHEMISTRY LABORATORY REPORT**

**2024-2025 FALL**

**EXPERIMENT NAME**

**Section No :** …..

**Group No :** …..

**Due Date**  **:** …..

**Group Members**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Student ID** | **Student** **Name** | **Student** **Surname** |
| **GL** |  |  |  |
| **2** |  |  |  |
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| **5** |  |  |  |
| **6** |  |  |  |
| **..** |  |  |  |

**Font properties: Times New Roman 12 points**

**Purpose of the Experiment (5 pt)**

• Must answer what is the purpose of the experiment and why the experiment was

carried out.

**Theory (10 pt)**

• Provides a brief summary of the background and theory pertaining to the experiment

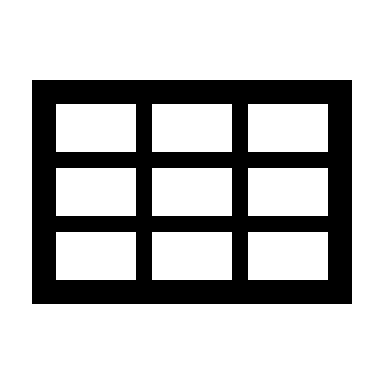
done. (This part should not exceed one page and should include references)

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**Figure 1**. Example of figure.

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**Materials (5 pt)**

• Materials part must include information of used consumables, devices, chemical

materials.

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**Methods (20 pt)**

• Methods part is a step by step description of procedure in your own words.

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\*\*\* The purpose of the experiment, theory, material and method parts should not exceed 2 pages.

**GL NAME SURNAME :**

**Student ID :**

**Results (20 pt)**

• State the direct outcome of the experiment or procedure.

• Give all the data obtained.

• Show all the calculations (if there is any!), writing out the equations, and defining each

variable.

• Each calculation result should contain unit.

• Figures and tables can be included to present the data generated by your experiment.

• Tables and figures must be numbered and titled.

• Table titles appear at the top, figure titles at the bottom.

**Discussion (35 pt)**

• Restate the purpose and findings of the experiment.

• This section is the explanation of the results section.

• Include explanations of unpredicted or inconsistent results and explain.

• Compare results with existing knowledge.

• Explain why you think the results mean.

• Discussion should give the audience a general conclusion about the results.

• (If there are), answer the questions - by searching through the sources and adding your

own comments.

Results and discussion parts should not exceed 2 pages.

**2. NAME SURNAME :**

**Student ID :**

**Results (20 pt)**

• State the direct outcome of the experiment or procedure.

• Give all the data obtained.

• Show all the calculations (if there is any!), writing out the equations, and defining each

variable.

• Each calculation result should contain unit.

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own comments.

Results and discussion parts should not exceed 2 pages.

**3. NAME SURNAME :**

**Student ID :**

**Results (20 pt)**

• State the direct outcome of the experiment or procedure.

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• Show all the calculations (if there is any!), writing out the equations, and defining each

variable.

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**Discussion (35 pt)**

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• This section is the explanation of the results section.

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• Discussion should give the audience a general conclusion about the results.

• (If there are), answer the questions - by searching through the sources and adding your

own comments.

Results and discussion parts should not exceed 2 pages.

**4. NAME SURNAME :**

**Student ID :**

**Results (20 pt)**

• State the direct outcome of the experiment or procedure.

• Give all the data obtained.

• Show all the calculations (if there is any!), writing out the equations, and defining each

variable.

• Each calculation result should contain unit.

• Figures and tables can be included to present the data generated by your experiment.

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**Discussion (35 pt)**

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• Explain why you think the results mean.

• Discussion should give the audience a general conclusion about the results.

• (If there are), answer the questions - by searching through the sources and adding your

own comments.

Results and discussion parts should not exceed 2 pages.

**5. NAME SURNAME :**

**Student ID :**

**Results (20 pt)**

• State the direct outcome of the experiment or procedure.

• Give all the data obtained.

• Show all the calculations (if there is any!), writing out the equations, and defining each

variable.

• Each calculation result should contain unit.

• Figures and tables can be included to present the data generated by your experiment.

• Tables and figures must be numbered and titled.

• Table titles appear at the top, figure titles at the bottom.

**Discussion (35 pt)**

• Restate the purpose and findings of the experiment.

• This section is the explanation of the results section.

• Include explanations of unpredicted or inconsistent results and explain.

• Compare results with existing knowledge.

• Explain why you think the results mean.

• Discussion should give the audience a general conclusion about the results.

• (If there are), answer the questions - by searching through the sources and adding your

own comments.

Results and discussion parts should not exceed 2 pages.

**6. NAME SURNAME :**

**Student ID :**

**Results (20 pt)**

• State the direct outcome of the experiment or procedure.

• Give all the data obtained.

• Show all the calculations (if there is any!), writing out the equations, and defining each

variable.

• Each calculation result should contain unit.

• Figures and tables can be included to present the data generated by your experiment.

• Tables and figures must be numbered and titled.

• Table titles appear at the top, figure titles at the bottom.

**Discussion (35 pt)**

• Restate the purpose and findings of the experiment.

• This section is the explanation of the results section.

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• Compare results with existing knowledge.

• Explain why you think the results mean.

• Discussion should give the audience a general conclusion about the results.

• (If there are), answer the questions - by searching through the sources and adding your

own comments.

Results and discussion parts should not exceed 2 pages.

**7. References (5 pt)**

• List the sources you used to compose the lab report.

• As laboratory research relies on previous work, written reports must include

references. All information or interpretations given in the introduction and discussion

part should be supported by references. Inadequate or inappropriate referencing should

be avoided. Include references to any journal articles, books, laboratory techniques

manuals, etc. used to complete your lab reports both as parenthetical references (in the

correct location of the text) AND in the bibliography.

• List references in APA format