

Lab Protocol: Module 09 – Cell Division: Mitosis

BIOL-1

Name: _____ Date: _____

Lab Title

[To be determined]

Overview

This lab protocol is a stub and will be developed with detailed procedures, materials, and safety information.

Learning Objectives

- Identify the stages of mitosis under a microscope
- Understand the cell cycle and its checkpoints
- Calculate the mitotic index of a cell population
- Compare mitosis in plant and animal cells
- Explain the importance of cell division for growth and repair

Estimated Duration

2-3 hours

Materials Needed

[To be listed]

Safety Considerations

[To be listed]

Procedure

[To be developed]

Data Collection

[To be developed]

Analysis Questions

[To be developed]

Conclusion

[To be developed]

Note: This is a placeholder document. Complete lab protocol to be developed.