

Lab Protocol: Module 03 — Organic Molecules

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 four major types of biological macromolecules
- Test for the presence of carbohydrates, lipids, and proteins
- Understand the relationship between monomers and polymers
- Observe dehydration synthesis and hydrolysis reactions
- Connect molecular structure to biological function

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.