

# **Lab Protocol: Module 03 — Biomolecules**

## **Lab Title**

*[To be determined]*

## **Overview**

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

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## **Learning Objectives**

- Perform biochemical tests to identify macromolecules
- Distinguish between carbohydrates, lipids, proteins, and nucleic acids
- Apply indicator tests (Benedict's, iodine, Biuret, Sudan IV)
- Analyze unknown samples for macromolecule content

## **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]*

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