

Lab Protocol: Module 05 — Membranes

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

- Observe osmosis and diffusion in living and model systems
- Predict cell behavior in different solution types
- Investigate factors affecting membrane transport
- Calculate rate of diffusion

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.