Drosophila Flyeye Pre-lab


2. How are pigments and enzymes related?

3. The technique we will use in this lab to separate eye pigments is called _____________________.

4. If you put sugar into water, which one is the solvent?

5. Why is a fume hood necessary in this experiment?

6. Why do the pigments move up the TLC sheet?

7. Why do the pigments separate as they move up the TLC sheet?

8. Name two safety precautions we discussed when using the UV illuminator.

9. What is the purpose of the plastic in the TLC sheet?

10. Calculate the Rf value for spot #1 on the following:

11. Which procedure is correct when putting your TLC sheet in the solvent?

A

B