

Virtual Lab: Organic Molecules

For those that missed "Identifying Biological Molecules"

Purpose You will learn how to test for various organic compounds by observing correct techniques in a virtual laboratory setting.

Website <http://www.occc.edu/biologylabs/>
OR google "Virtual Organic Compound Lab" and the website should be the first one listed

Select: "Organic Molecules"

I. Carbohydrates:

1. What compound is used to test for sugars?
2. What indicates a positive result?
3. Write the procedures for testing for monosaccharides (point form).

4. Write the procedures for testing for starch (point form).

II. Proteins:

1. What compound is used to test for proteins?
2. What indicates a positive result?
3. Write the procedures for testing for proteins (point form).

III. Fats:

1. What compound is used to test for fats?
2. What indicates a positive result?
3. Write the procedures for testing for fats (point form).

IV. Food: Complete the online tests and indicate if the results were either positive (+) or negative (-).

	Potato	Orange Juice	Almonds	Eggs	Salmon	Milk
Sugar						
Starch						
Protein						
Fat						

V. Analysis: Answer in complete sentences.

1. What are some safety precautions that should be taken when ACTUALLY doing this lab?
2. What are some errors that could have occurred in the real lab?