

Virtual Biomolecules Food Testing Lab

<https://tinyurl.com/virtualbiomolecules>

Click Carbohydrates:

Simple Sugars

_____ are single sugars that react with a mixture called _____

What color is the testing solution?

What color does the solution change to in the presence of simple sugars?

Starches

Another name for starches is _____

What is the testing solution for starch?

What color is the testing solution?

What color does the solution change to in the presence of starch?

Click Proteins:

What are the building blocks of protein?

What is the testing solution for proteins?

What color does the solution change to in the presence of proteins?

Click Fats:

We use the Brown Paper Bag test in class to test for fats, although there's also a testing solution called

In the presence of fat, the testing solution changes to what color?

Click Foods

Click on each of the foods listed below. Perform each of the tests listed below and record the color of the test tube for each. In the last column, tell which test was positive.

FOODS	Simple Sugars	Starch	Protein	Fat	POSITIVE RESULT
Potatoes					
Orange Juice					
Nuts					
Eggs					
Salmon					
Milk					