

Report 1

Lab 3 - Biologically Important Molecules

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Exercise 1

1. Let's suppose you are teaching science in a part of the world without ready access to a doctor and you are worried that you may have developed diabetes (Diabetics are unable to regulate blood glucose levels, and glucose accumulates in blood and urine). What could you do to gain an indication of whether or not you have diabetes?

If a person is diabetic, a high amount of glucose will be present in his blood or urine. Glucose is a reducing sugar, then using Benedict test on a sample of blood or urine, and heating it up gently, a difference in color of the substance used will indicate if diabetes is developed or not by the presence of blue color (negative result) or brick red color (positive result)

2. The test tubes in figure 1 contain Benedict's solution and two unknown substances that have been heated. What do the results indicate?

The 2 test tubes presented have different colors than the original blue so :

- The test tube with the green color solution indicates that there are small traces of reducing sugar detected.
- The test tube with the orange color solution indicates that there is a moderate amount of reducing sugar detected.



Figure 1

Lab Report Biologically Important Molecule

AN Whitehead



Lab Report Biologically Important Molecule:

Lab Report Biologically Important Molecule Book Review: Unveiling the Power of Words

In a global driven by information and connectivity, the power of words has are more evident than ever. They have the capacity to inspire, provoke, and ignite change. Such is the essence of the book **Lab Report Biologically Important Molecule**, a literary masterpiece that delves deep to the significance of words and their impact on our lives. Written by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we will explore the book is key themes, examine its writing style, and analyze its overall affect readers.

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