

Name _____ Period: __ Date: _____

ACTIVITY 9-2

URINE ANALYSIS

Directions: Complete the steps for the activity listed in your textbook. Record your results in the following table and answer the questions below.

Data Table 1: Urinalysis

Urine Sample	Appearance of Solution
Negative urine	
Positive urine	
Student 1	
Student 2	
Student 3	
Student 4	

Questions:

1. Based on your test results, did any of the girls test positive for the drug or the drug metabolites? Justify your answer.

2. Why should the tests be conducted using designations student 1, student 2, and so forth rather than using the students' names?

3. The reliability of urinalysis testing has sometimes been questioned, because there is a possibility of someone altering the test results. Insurance companies frequently will request a urine sample from a prospective client. As a bodily fluid, the urine is used to detect drug use and health conditions such as diabetes. A person using drugs or who has sugar in his or her urine may be assessed a higher insurance premium than a person who is drug and disease free. Other than actually watching someone produce the urine sample, the agent from the life insurance company gives the person requesting life insurance a cup and requests a urine sample. When the urine sample is given to the insurance agent, a thermometer is inserted into the urine. Why would the insurance agent want to know the temperature of the urine?