***HHMI SIMULATION - ELISA PRELAB QUESTIONS***

1. What does ELISA stand for?

2. What is it used for in this activity?

3. Why is it important to be able to detect antibodies in people who don’t appear sick?

4. What part of the blood contains antibodies?

5. What is the primary antibody in this test, and where does it come from?

6. What is the secondary antibody in this test, and where does it come from?

7. What is attached to the secondary antibody?

8. What is the final substance that must be added in order to see your result – explain.

9. How do you know if the result is positive? Negative?

10. Under what conditions may a false positive or a false negative occur?

11. Explain why each of the controls is necessary.