

Physical Science – Kastle-Meyer Test Report

As the Assistant District Attorney and Forensic Scientist of Westwood, you have conducted a Kastle-Meyer test of evidence found in the “basement lab” Now you need to write up the results of this test, describing the test and your conclusions.

Make sure your brief includes at least a paragraph for each of the following:

1. Why you did the test (“it was a class assignment” is NOT a good answer. Stay in character!)
2. Describe the test including:
 - a. including a scientific description of how it detects the presence of blood
 - b. your results in detail
3. Your conclusions as they apply to the case

You must use all of the following terms correctly in your report:

- false positive
- false negative
- presumptive
- hemoglobin
- heme iron
- phenolphthalein
- hydrogen peroxide (H_2O_2)

Use your best “Professional English”, and submit your report typed, double-spaced, and cleanly formatted. Remember that in “Professional English”, you should:

- Use brief, concise paragraphs
- Remove unnecessary words and phrases
- Avoid restating your topic sentence at the end of each paragraph unless it really adds something to your argument
- Cite any and all sources you use, including the “Kastle-Meyer Student Handout”; you may list your works cited at the end of your report, but you also must explicitly identify any quotes, paraphrases, or ideas used in the body of the text where you use it. For example:

In your text:

... Heme iron is contained in red blood cells [1] and is part of the hemoglobin protein [2]...

At the end of your paper:

1. Court TV Student Handout Lesson 1: Kastle-Meyer Color Test
2. Physical Science "Notes on Kastle-Meyer Test",
<http://westwood.k12.ma.us/~mholthouse/ps/RBblood.pdf> accessed 3/2/2011.

To submit your report, share it as a Google Document with me, giving me EDIT PERMISSION, and sending an email to notify me. The time of that email will be considered the time of your submission, and I will ignore any changes to the document after that time.