

LAB BENCH: ENZYME CATALYSIS

Deliverables

1. In your comp book (lab book) write the reaction for the breakdown of hydrogen peroxide by the enzyme catalase.
2. From above, what is the enzyme? The substrate? The products?
3. How, specifically, can increased heat or acidity affect enzymes?
4. Study the experiment. **IN YOUR OWN WORDS** explain it. Be sure to include what it is that you're measuring, and what the data will reveal. You should write about a paragraph for this.

Quiz Questions (also in your comp book): After taking the quiz, and checking your answers, do the following for each quiz question.

1. Explain why you answered as you did.
2. Explain your answer.
3. Draw the graph you chose.
4. Write a complete sentence that contains your answer.
5. Same as #4 above.