Enzyme Lab Today

Groups: pH

Jenna Michelle

Erica Ayla

Alexis Jamus

Directions: You are manipulating the catalase! So in the plastic cups you will be adding vinegar to make the pH acid. Use the pH paper. Add ammonia to make the Base 9 and 11.Dip the chad in the Catalase and place the chad at the bottom of 40 ml of hydrogen peroxide and time the chad until it floats. From placing it at the bottom until it floats. DO 3 Trials!!

Temperature

Group #1 Group #2

Michelle Eubank Juliana

Alina Maggie

Josh Sophia

You will be manipulating the Catalse! Add the catalase to ice, and heat to prepare the temperatures of 4 degrees, 10 degrees, 22 degrees, 40 degrees and 65 degrees.Dip the chad in the Catalase and place the chad at the bottom of 40 ml of hydrogen peroxide and time the chad until it floats. From placing it at the bottom until it floats. DO 3 Trials!!

Substrate Concentration

Shayne

Meghan

Micah

Mixing distilled water with different concentrations of substrate to make up the proper batches. Dip the chad in the Catalase and place the chad at the bottom of 40 ml of hydrogen peroxide and time the chad until it floats. From placing it at the bottom until it floats. DO 3 Trials!!

Enzyme Concentration

Dan

DJ

Jae

Mike

Mixing distilled water with different concentrations of Enzyme to make up the proper batches. Dip the chad in the Catalase and place the chad at the bottom of 40 ml of hydrogen peroxide and time the chad until it floats. From placing it at the bottom until it floats. DO 3 Trials!!