EXPERIMENT 14: ELISA Antibody Test

1. Draw the structure of an antibody (IgG). Label the constant and variable regions, and the location of antigen binding.

2. How many types (i.e., classes) of Antibodies are there? What is the difference among them?

3. What enzyme is used for color production in this ELISA experiment? Draw the reaction that the enzyme catalyzes and list the wavelength where the final product absorbs.

4. List and describe the four steps in an ELISA.