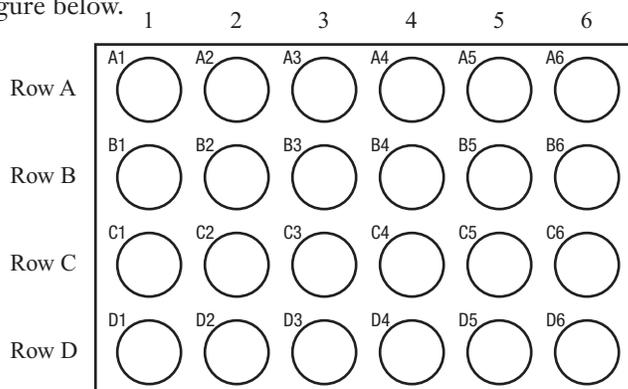


ELISA Worksheet

Observations

Note color in each well on the figure below.



Discussion Questions

- The initial color of the indicator used in this demonstration is pink. If the indicator remains pink after it is added to the ELISA test plate, does the patient's serum contain the antibody for that particular allergy?
- Draw a sample ELISA test plate. Indicate which wells are positive for the antibody of interest.
- In this demonstration the ELISA test plate was set up to simulate an allergy test. Answer the following questions to define the specific substance that would be used for an HIV ELISA test.
 - What is coated on the ELISA plate?
 - What is an appropriate negative control?
 - What is an appropriate positive control?
 - What does the 2° antibody bind to?
 - What causes the indicator to change color?