

DATA & ANALYSIS

ELISA

Enzyme Linked-Immunosorbent



Results

1. In your lab notebook, record your results by copying **Results Table 1**. Mark which patient sample you tested (A, B, C, or D). Then record whether your results were positive (color change), negative (no color change) or inconclusive (slight color change).

Results Table 1.

	Patient Sample	Patient Sample	Negative Control	Positive Control
Well 1				
Well 2				
Well 3				

2. Collaborate with another group that tested the other two patient samples. Be sure to include their group name, sample data, and controls. Combine their data with yours in **Results Table 2**.

Results Table 2.

Patient	A	B	C	D	Collaborating Group Negative Control	Collaborating Group Positive Control
Well 1						
Well 2						
Well 3						

Analysis

Write your analysis questions and answers in your lab notebook.

3. If a well turned blue, is the target antibody present? Explain.
4. Did any of the blood serum samples contain the antibody of interest? How did you know?
5. Were your prediction correct?

Well Diagram

Use the well diagram below to draw what is happening as you go through the ELISA protocol. Draw in each well as you wait during your incubation steps.

