

# ELISA Graphic Organizer and Venn Diagram

Use the graphic organizer below to summarize information about 3 methods of ELISA.

## Direct ELISA

Draw an example:	Antigen Attaches to:	Speed of Reaction:
	Number of steps in process:	Number of Antibodies needed:
Best used for...	Sensitivity of test:	Specificity of test:

## Indirect ELISA

Draw an example:	Antigen Attaches to:	Speed of Reaction:
	Number of steps in process:	Number of Antibodies needed:
Best used for...	Sensitivity of test:	Specificity of test:

## Sandwich ELISA

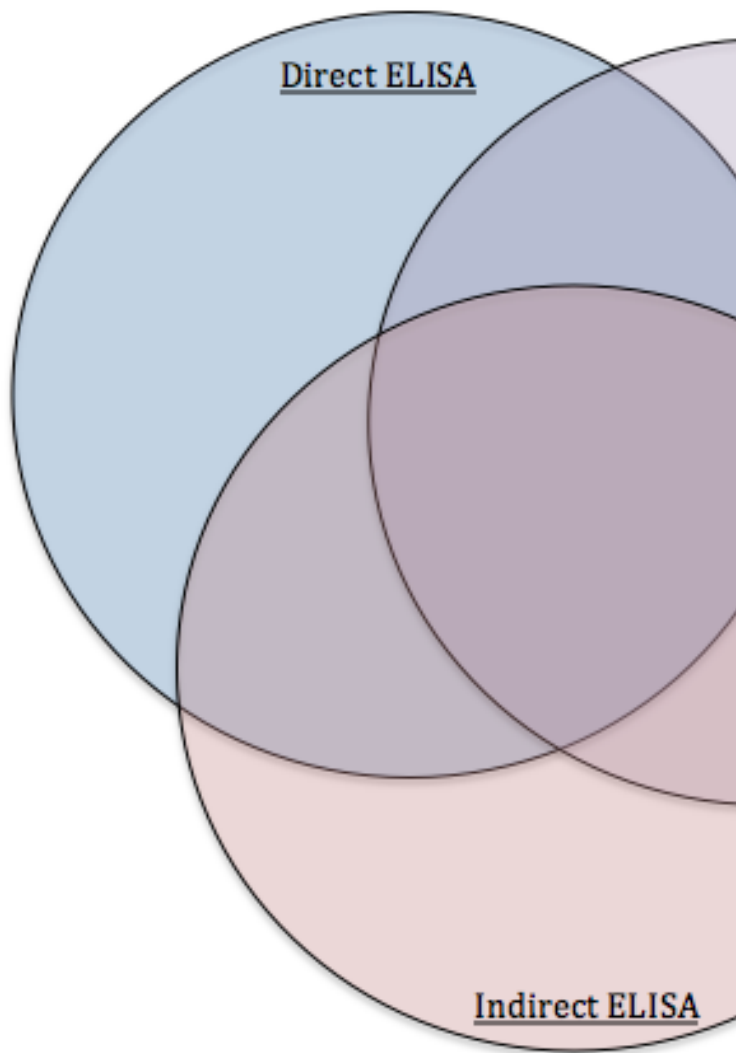
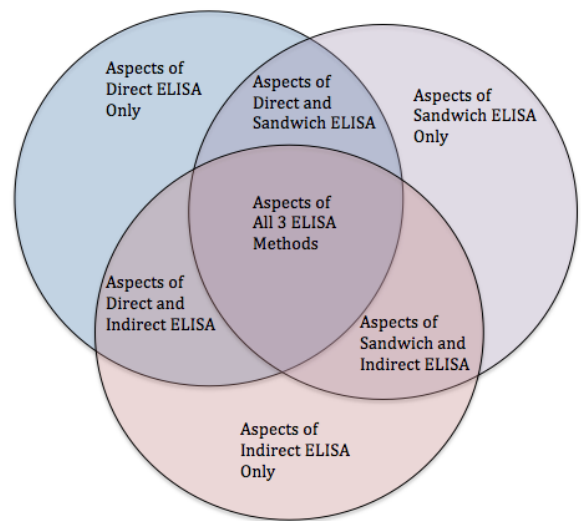
Draw an example:	Antigen Attaches to:	Speed of Reaction:
	Number of steps in process:	Number of Antibodies needed:
Best used for...	Sensitivity of test:	Specificity of test:

**Venn diagrams** are visual representations of **logical relationships between different subjects**.

How to fill out a venn diagram:

1. Where the circles of different subjects overlap, write aspects of those subjects that they share in common.
2. Where the circles do not overlap write aspects of the subject that are specific only to that subject.

Use the information from your graphic organizer to compare and contrast 3 methods of ELISA on the below. See Example to the right for help getting started.



**Be sure to include the following:**

Antigen attachment  
Number of Antibodies needed  
Speed of reaction  
Number of Steps  
Sensitivity

Specificity  
When you would use the method