

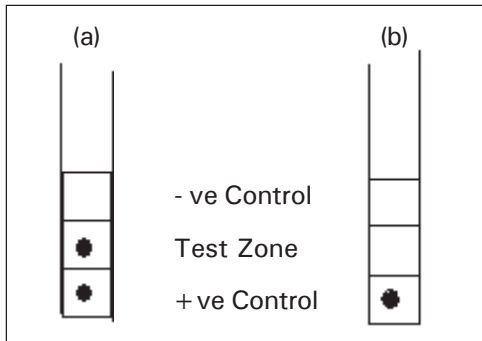
ELISA Based Techniques

GeNei™ Dot ELISA Teaching Kit

GeNei™ Dot ELISA Kit enables the demonstration of direct sandwich assay for an antigen. The test is developed using two antibodies to an antigen. One of the antibodies is immobilized on a strip and the other linked with an enzyme. The assay result is interpreted by viewing the color developed at the final step.

A typical result seen using the kit is as follows.
 (a) Sample containing the antigen
 (b) Sample without the antigen.

Appearance of results



The kit contents are sufficient for 15 experiments.

Materials Provided:

- Assay Buffer
- Dot ELISA Strip
- Antibody-HRP Conjugate
- TMB/H₂O₂
- Test Serum Samples
- Instruction Manual

Ordering Information:

Product	Size	Cat #
GeNei™ Dot ELISA Teaching Kit (Consumables for 15 experiments)	1 Pack	106125

GeNei™ Antigen Capture ELISA Teaching Kit

In antigen capture ELISA, antibody is bound to solid phase and the antigen in the test solution along with the labelled antigen is allowed to compete for the binding sites of the antibody.

This kit demonstrates the principle of competitive ELISA, a type of antigen capture ELISA. Here the antibody is bound to the solid phase. The antigen is labelled and a constant amount of labelled antigen is mixed with the test solution which contains an unknown amount of the antigen and then allowed to bind to the antibody on the solid phase. High levels of antigen in the test solution will reduce the amount of bound labelled antigen. The quantitation of the antigen is done using standard antigen provided in the kit.

The kit contents are sufficient for 4 experiments.

Materials Provided:

- Standard Antigen
- Test Samples
- Blocking Buffer
- Coating Buffer
- Stop Solution
- Instruction Manual
- Antibody
- HRP Labelled Antigen
- TMB/H₂O₂
- PBST
- Microtitre wells

Ordering Information:

Product	Size	Cat #
GeNei™ Antigen Capture ELISA Teaching Kit (Consumables for 4 experiments)	1 Pack	107386

Note: Spectrophotometer is required.