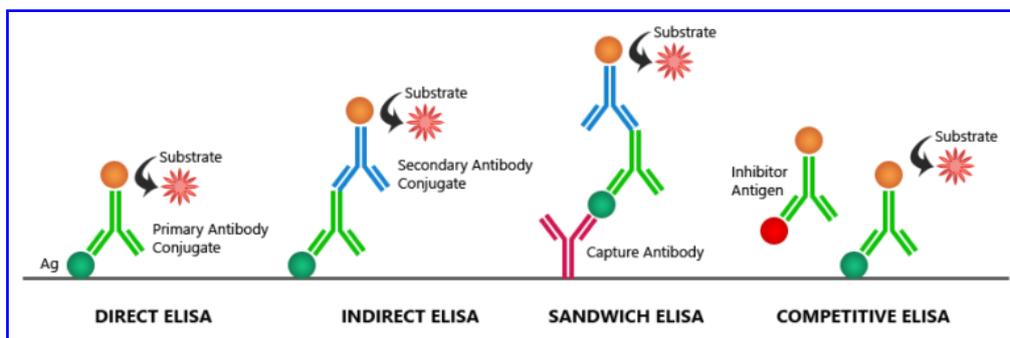


# Learn All About Elisa Test Procedure

@ [Antibody-Elisa.com](http://Antibody-Elisa.com)



When it comes to medical aspect, we can say that modern age is filled with high-tech machines used in several medications and researches. The discoveries of such devices serve as link towards the invention of powerful medical testing devices such as ELISA. At Boster Antibody and ELISA Experts you can learn all about ELISA Test.



ELISA or Enzyme-linked immunosorbent assay is the technique used to

detect the presence of antibodies in the blood. [ELISA Test Procedure](#) is a convenient and simple method to quantitatively or qualitatively detect peptides, proteins, antibodies, and hormones in samples, rendering it as one of the most widely used immunoassays.

ELISA (enzyme-linked immunosorbent assay) is a plate-based assay technique designed for detecting and quantifying peptides, proteins, antibodies and hormones. The [principle of ELISA Test](#) is that an antigen must be immobilized to a solid surface and then complexed with an antibody that is linked to an enzyme. Detection is accomplished by assessing the conjugated enzyme activity via incubation with a substrate to produce a measurable product.

[Elisa Principle and Procedure](#) at Antibody-elisa.com state that enzyme-linked immunosorbent assays operate on principles very similar to other immunoassay technologies. ELISA's rely on specific antibodies to bind the target antigen, and a detection system to indicate the presence and quantity of antigen binding.

[Sandwich Elisa Principle](#) typically requires the use of matched antibody pairs, where each antibody is specific for a different, non-overlapping part (epitope) of the antigen molecule. A first antibody (known as capture antibody) is coated to the wells. The sample solution is then

added to the well. A second antibody (known as detection antibody) follows this step in order to measure the concentration of the sample.

## **About Boster Antibody and ELISA Experts:**



Boster Antibody and ELISA Experts offers Boster Picokine ELISA Kits and Boster supplies Enzyme Linked Immunosorbent Assay (ELISA) kits that detect a variety of antigens,

proteins and peptides, including IL-6, IL-8, IL-10, EGF, VEGF and various cytokines. With more than 20 years of experience and trust from 10,000+ scientists, Boster is proud of offering more than 700 PicoKine ELISA kits that help accelerate scientific discovery in research areas such as immunology, neuroscience and cancer. Each of our ELISA kits contains sufficient reagents for 96 tests per kit and has been validated for a wide range of samples, including cell culture supernate, serum, plasma, cell lysate and tissue.

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