



I'm not robot



**I am not robot!**

Originally described by Engvall and Perlmann (), the method enables analysis of protein samples immobilized in microplate wells using specific antibodies. ELISA reagent sets (with or without high-affinity binding microwell plates) contain the necessary reagents, buffers and diluents for performing quantitative enzyme-linked immunosorbent assays (ELISA). ELISA stands for enzyme-linked immunosorbent assay, also often referred to as enzyme immunoassay (EIA). Some examples include: diagnosis of hepatitis B, rabies, and HIV through antibodies in the blood serum, just to name a few diseases, or to measure the amount of various other proteins in the blood serum, such as hormones, toxins, and allergens. The enzyme-linked immunosorbent assay (ELISA) is an immunological assay commonly used to measure the amount of various proteins in biological samples. Some examples include: diagnosis of HIV infection, pregnancy tests, and measurement of cytokines or soluble proteins in biological samples. Enzyme immunoassays (EIAs) use the catalytic properties of enzymes to detect and quantify immunologic reactions. [1] The ELISA method has been used to detect hepatitis B, rabies, and HIV through antibodies in the blood serum, just to name a few diseases, or to measure the amount of various other proteins in the blood serum, such as hormones, toxins, and allergens. The enzyme-linked immunosorbent assay (ELISA) is an immunological assay commonly used to measure the amount of various proteins in biological samples. An ELISA, like other types of immunoassays, relies on antibodies to detect a target antigen using highly specific antibody-antigen interactions. This method can be used to detect many other proteins in biological samples. Enzyme-linked immunosorbent assays (ELISA) are considered the gold standard in the demonstration of various immunological reactions with an application in the detection of antigens. The basic principle of ELISA is, to detect a specific antibody-antigen reaction by using an enzyme which can convert a colorless substrate to a color product indicating the presence of the antigen. The ELISA is a rapid test used for detecting and quantifying antibodies or antigens against viruses, bacteria, and other materials. An ELISA, like other types of immunoassays, relies on antibodies. The Good ELISA Practice (GEP) manual provides a comprehensive overview for both beginners and advanced analysts in order to improve the quality of performed ELISAs. Enzyme-linked immunosorbent assays (ELISA) that provide ideal systems for dealing with a wide range of studies in many biological areas.