

ELISA

The Enzyme Linked Immunosorbent Assay (ELISA) is a rapid test used for detecting and quantifying chemical or biological substances. Our progastrin in vitro ELISA kit is designed for the accurate qualitative measurement of progastrin protein in human plasma.

The kit utilizes a capture antibody specific for human progastrin (hPG) pre-coated on a 96-well plate. Standards and samples are added to the wells, and any hPG present binds to the immobilized capture antibody. The wells are

washed and an anti-hPG detection antibody horseradish peroxidase (HRP) conjugate is added, producing an antibody-antigen-antibody «sandwich».

After a second wash, TMB substrate solution is added, which produces a blue color in direct proportion to the amount of hPG present in the initial sample. The Stop Solution changes the color from blue to yellow, and the wells are read at 450 nm with a microplate reader .

