

Human Prostatic Acid Phosphatase Antibody ELISA Kit | PAP elisa kit

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CATALOG #
AAA84771

REACTIVITY
Human

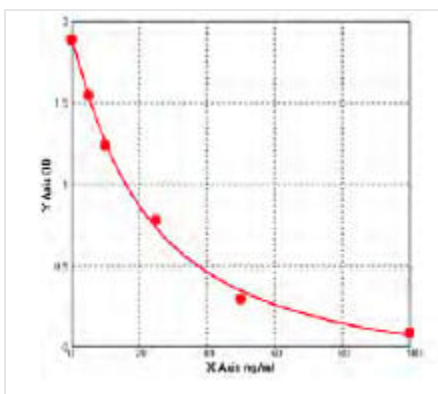
PRODUCT SYNONYMS

Prostatic Acid Phosphatase Antibody; Human Prostatic Acid Phosphatase Antibody ELISA Kit; PAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive or Sandwich
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAP elisa kit

Intended Uses: This PAP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PAP. This ELISA kit for research use only!

Principle of the Assay: PAP ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-PAP antibody and an PAP-HRP conjugate. The assay sample and buffer are incubated together with PAP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PAP concentration since PAP from samples and PAP-HRP conjugate compete for the anti-PAP antibody binding site. Since the number of sites is limited, as more sites are occupied by PAP from the sample, fewer sites are left to bind PAP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PAP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33338850
Molecular Weight	19,219 Da
NCBI Official Full Name	Pap
UniProt Protein Name	Pap
UniProt Gene Name	pap
UniProt Entry Name	Q71T77_BPP1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pap-human-elisa-kits/prostatic-acid-phosphatase-antibody/84771>