

Goat Prostatic Acid Phosphatase Antibody ELISA Kit | PAP elisa kit

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CATALOG #
AAA96758

REACTIVITY
Goat

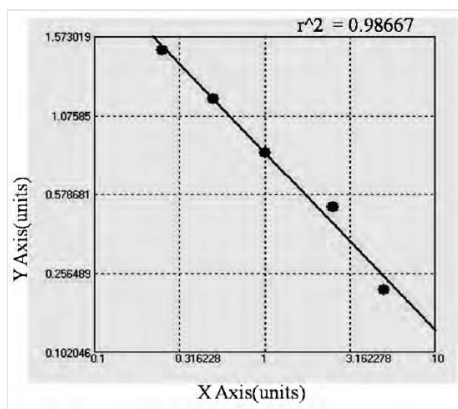
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
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

Principle of the assay: Anti-PAP ELISA kit applies the competitive enzyme immunoassay technique utilizing PAP antigen and an Anti-PAP-HRP conjugate. The assay sample and buffer are incubated together with Anti-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 Anti-PAP concentration since Anti-PAP from samples and Anti-PAP-HRP conjugate compete for the PAP antigen binding site. Since the number of sites is limited, as more sites are occupied by Anti-PAP from the sample, fewer sites are left to bind Anti-PAP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Anti-PAP concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PAP elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	189613
NCBI GeneID	55
UniProt Accession #	P15309; Q96KY0; Q96QK9; Q96QM0; D3DNC6
Molecular Weight	44,566 Da
NCBI Official Full Name	prostatic acid phosphatase
NCBI Official Synonym Full Names	acid phosphatase, prostate
NCBI Official Symbol	ACPP
NCBI Official Synonym Symbols	PAP; ACP3; 5'-NT; ACP-3
NCBI Protein Information	prostatic acid phosphatase; TMPase; 5'-nucleotidase; ecto-5'-nucleotidase; thiamine monophosphatase; prostatic acid phosphotase
UniProt Protein Name	Prostatic acid phosphatase
UniProt Gene Name	ACPP
UniProt Synonym Gene Names	PAP; 5'-NT; TMPase
UniProt Entry Name	PPAP_HUMAN

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-goat-elisa-kits/prostatic-acid-phosphatase-antibody/96758>