

Human Prostatic Acid Phosphatase, PAP ELISA Kit | PAP elisa kit

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CATALOG #
AAA41213

REACTIVITY
Human

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	386
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 70ng/ml
Sensitivity	0.093ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAP elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Prostatic Acid Phosphatase (also known as PAP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human PAP antibody. PAP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human PAP Antibody is added and binds to PAP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PAP antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human PAP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	189613
NCBI GeneID	55
UniProt Accession #	P15309; Q5FBY0; Q96KY0; Q96QK9; Q96QM0; D3DNC6
Molecular Weight	48,336 Da
NCBI Official Full Name	prostatic acid phosphatase
NCBI Official Synonym Full Names	acid phosphatase, prostate
NCBI Official Symbol	ACPP
NCBI Official Synonym Symbols	ACP3; 5'-NT; ACP-3
NCBI Protein Information	prostatic acid phosphatase
UniProt Protein Name	Prostatic acid phosphatase
UniProt Gene Name	ACPP
UniProt Synonym Gene Names	PAP; 5'-NT; TMPase

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/human-elisa-kits/prostatic-acid-phosphatase-pap/41213>