

Rat Prostatic acid phosphatase ELISA Kit | Acpp elisa kit

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CATALOG #
AAA56460

REACTIVITY
Rat

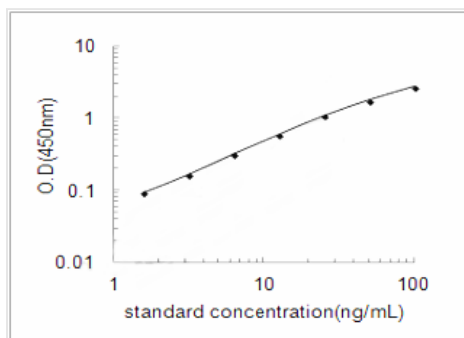
PRODUCT SYNONYMS

Prostatic acid phosphatase; Rat Prostatic acid phosphatase ELISA Kit; Acpp elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Prostatic acid phosphatase. No significant cross-reactivity or interference was observed.
Sequence Length	386
Assay Type	Sandwich
Detection Range	1.56-100 ng/mL
Sensitivity	0.79 ng/mL
Intra-Assay CV	<=5.1%
Inter-Assay CV	<=9.2%
Recovery	98%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Acpp elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Prostatic acid phosphatase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Prostatic acid phosphatase and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Prostatic acid phosphatase, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Prostatic acid phosphatase in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	201025407
NCBI GeneID	56780
NCBI Accession #	NP_001128373.1
NCBI GenBank Nucleotide #	NM_001134901.1
UniProt Accession #	P20646; A6XJQ5
Molecular Weight	48,053 Da
NCBI Official Full Name	prostatic acid phosphatase long isoform
NCBI Official Synonym Full Names	acid phosphatase, prostate
NCBI Official Symbol	Acpp
NCBI Official Synonym Symbols	pap; FRAP; Ppal; 5'-NT; Acpp11; RNACPP11
NCBI Protein Information	prostatic acid phosphatase
UniProt Protein Name	Prostatic acid phosphatase
UniProt Gene Name	Acpp
UniProt Synonym Gene Names	5'-NT; FRAP; TMPase
UniProt Entry Name	PPAP_RAT

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/acpp-rat-elisa-kits/prostatic-acid-phosphatase/56460>