

Mouse Prostatic acid phosphatase ELISA Kit | Acpp elisa kit

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CATALOG #
AAA56125

REACTIVITY
Mouse

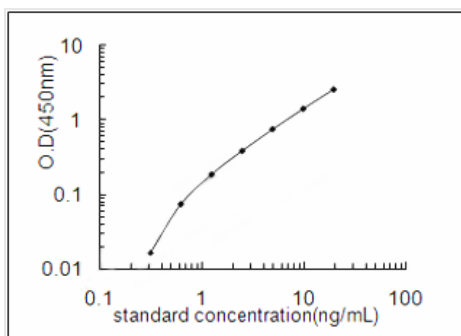
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Prostatic acid phosphatase. No significant cross-reactivity or interference was observed.
Sequence Length	386
Assay Type	Sandwich
Detection Range	0.312-20 ng/ml
Sensitivity	0.156 ng/mL
Intra-Assay CV	<=4.9%
Inter-Assay CV	<=7.1%
Recovery	96%
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 #	46575784
NCBI GeneID	56318
NCBI Accession #	NP_062781.2
NCBI GenBank Nucleotide #	NM_019807.2
UniProt Accession #	Q8CE08; Q8C682; Q9QXH7; A4QPG2; B8JJZ5; B8JJZ6
Molecular Weight	47,863 Da
NCBI Official Full Name	prostatic acid phosphatase isoform 2
NCBI Official Synonym Full Names	acid phosphatase, prostate
NCBI Official Symbol	Acpp
NCBI Official Synonym Symbols	Lap; PAP; FRAP; Ppal; 5'-NT; A030005E02Rik
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_MOUSE

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-mouse-elisa-kits/prostatic-acid-phosphatase/56125>