

Rabbit Acid Phosphatase 1 ELISA Kit | ACP1 elisa kit

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 CATALOG #
AAA87180

 REACTIVITY
Rabbit

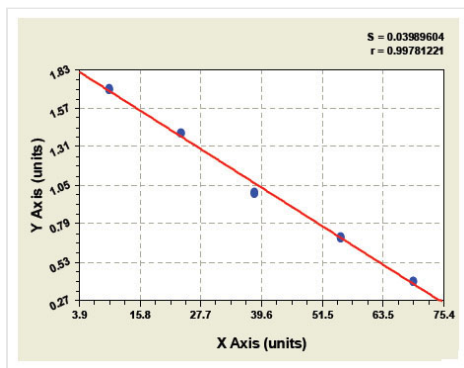
PRODUCT SYNONYMS

Acid Phosphatase 1; Rabbit Acid Phosphatase 1 ELISA Kit; ACP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACP1 elisa kit	For Samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate Intended Uses: This ACP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit ACP1. This ELISA kit for research use only! Principle of the Assay: ACP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ACP1 antibody and an ACP1-HRP conjugate. The assay sample and buffer are incubated together with ACP1-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 ACP1 concentration since ACP1 from samples and ACP1-HRP conjugate compete for the anti-ACP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ACP1 from the sample, fewer sites are left to bind ACP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ACP1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ACP1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	350538111
NCBI GeneID	544065
NCBI Accession #	NP_001234071.1
NCBI GenBank Nucleotide #	NM_001247142.1
Molecular Weight	29,433 Da
NCBI Official Full Name	acid phosphatase 1
NCBI Official Symbol	APS1
NCBI Official Synonym Symbols	APS-1
NCBI Protein Information	acid phosphatase 1; apase-1(1)
UniProt Protein Name	Acid phosphatase 1
UniProt Gene Name	APS1
UniProt Synonym Gene Names	APS-1(1)
UniProt Entry Name	PPA1_SOLLC

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.