

Human ACP6 ELISA Kit | ACP6 elisa kit

Human ACP6 ELISA Kit PicoKine

CATALOG # AAA126687	REACTIVITY Human	APPLICATIONS ELISA
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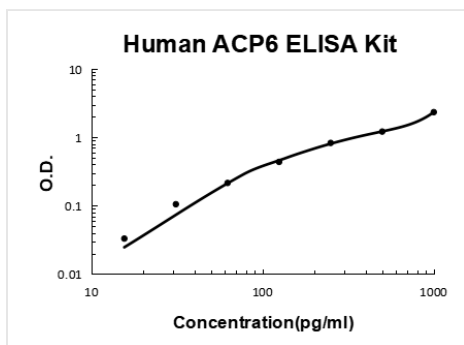
PRODUCT SYNONYMS

ACP6; Human ACP6 ELISA Kit PicoKine; ACP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human ACP6
Samples	Cell culture supernatants, serum and plasma (heparin, EDTA)
Detection Range	15.6 pg/ml - 1,000 pg/ml
Sensitivity	<10 pg/ml
Applicable Applications for ACP6 elisa kit	ELISA
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)

Human ACP6 PicoKine ELISA Kit Standard Curve

ADDITIONAL INFORMATION

Related Product Information for ACP6 elisa kit	Background: Lysophosphatidic acid phosphatase type 6 is an acid phosphatase enzyme that is encoded in humans by the ACP6 gene. This gene encodes a member of the histidine acid phosphatase protein family. The encoded protein hydrolyzes lysophosphatidic acid, which is involved in G protein-coupled receptor signaling, lipid raft modulation, and in balancing lipid composition within the cell. Alternative splicing results in multiple transcript variants. Principle of the Assay: The Picokine™ Human ACP6 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Human ACP6 with a 96-well strip plate that is pre-coated with antibody specific for ACP6. The detection antibody is a biotinylated antibody specific for ACP6. The capture antibody is a monoclonal antibody from mouse and the detection antibody is a biotinylated polyclonal antibody from goat. The kit includes Human ACP6 protein as standards. To measure Human ACP6, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbound ABC-HRP with PBS or TBS buffer and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Human ACP6 in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human ACP6 in the sample.
Product Categories/Family for ACP6 elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	523498731
NCBI GeneID	51205
NCBI Accession #	NP_057445.4
NCBI GenBank Nucleotide #	NM_016361.4
UniProt Accession #	Q9NPH0; Q59G61; Q5T490; Q6IAQ3; Q7LG81; Q9UIG6
Molecular Weight	30,790 Da
NCBI Official Full Name	lysophosphatidic acid phosphatase type 6
NCBI Official Synonym Full Names	acid phosphatase 6, lysophosphatidic
NCBI Official Symbol	ACP6
NCBI Official Synonym Symbols	LPAP; ACPL1; PACPL1
NCBI Protein Information	lysophosphatidic acid phosphatase type 6
UniProt Protein Name	Lysophosphatidic acid phosphatase type 6
UniProt Gene Name	ACP6
UniProt Synonym Gene Names	ACPL1; LPAP
UniProt Entry Name	PPA6_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.