

Human Phospholipid Transfer Protein ELISA Kit | PLTP elisa kit

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CATALOG #
AAA16629

REACTIVITY
Human

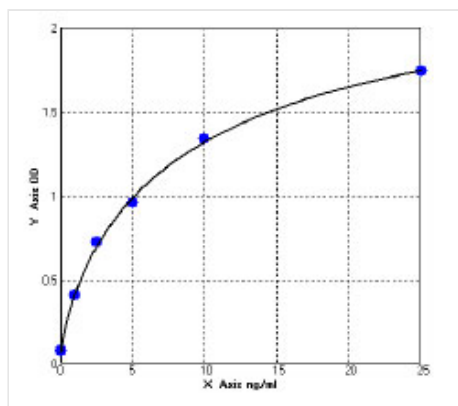
PRODUCT SYNONYMS

Phospholipid Transfer Protein; Human Phospholipid Transfer Protein ELISA Kit; PLTP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PLTP. No significant cross-reactivity or interference between PLTP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PLTP and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLTP elisa kit	Principle of the Assay: PLTP ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for PLTP. Standards or samples are then added to the microtiter plate wells and PLTP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of PLTP present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for PLTP are added to each well to "sandwich" the PLTP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain PLTP and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PLTP concentration in each sample is interpolated from this standard curve. Intended Uses: This PLTP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PLTP. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for PLTP elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453914
NCBI GeneID	5360
NCBI Accession #	NP_006218.1
NCBI GenBank Nucleotide #	NM_006227.3
Molecular Weight	44,847 Da
NCBI Official Full Name	phospholipid transfer protein isoform a
NCBI Official Synonym Full Names	phospholipid transfer protein
NCBI Official Symbol	PLTP
NCBI Official Synonym Symbols	BPIFE; HDLCQ9
NCBI Protein Information	phospholipid transfer protein; lipid transfer protein II; BPI fold containing family E
UniProt Protein Name	Phospholipid transfer protein
UniProt Gene Name	PLTP
UniProt Entry Name	PLTP_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.

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Online datasheet: <https://stage.aaabiotech.com/pltp-human-elisa-kits/phospholipid-transfer-protein/16629>