

Human PLTP ELISA Kit | PLTP elisa kit

Human PLTP(Phospholipid Transfer Protein)ELISA Kit

CATALOG #
AAA21527

REACTIVITY
Human

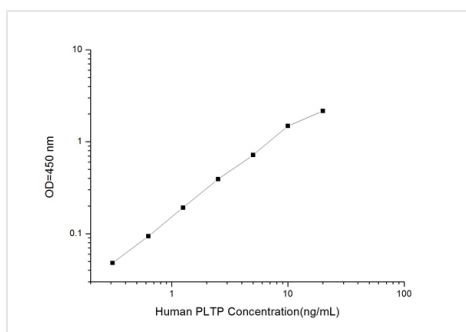
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human PLTP in samples. No significant cross-reactivity or interference between Human PLTP and analogues was observed.
Sequence Length	405
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.31-20ng/mL
Sensitivity	0.19ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human PLTP were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human PLTP were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLTP elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human PLTP. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human PLTP and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human PLTP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human PLTP. You can calculate the concentration of Human PLTP in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human PLTP concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	339275810
NCBI GeneID	5360
NCBI Accession #	NP_001229850.1
NCBI GenBank Nucleotide #	NM_001242921.1
UniProt Accession #	P55058; Q8WTT1; Q9BR07; Q9BSH8; A8K006; B4DDD5; B4DRB4; E1P5N8; E7EV16
Molecular Weight	44,847 Da
NCBI Official Full Name	phospholipid transfer protein isoform d
NCBI Official Synonym Full Names	phospholipid transfer protein
NCBI Official Symbol	PLTP
NCBI Official Synonym Symbols	BPIFE; HDLCQ9
NCBI Protein Information	phospholipid transfer protein; BPI fold containing family E; lipid transfer protein II
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.