

Human phospholipid transfer protein ELISA Kit | PLTP elisa kit

Human phospholipid transfer protein, PLTP ELISA Kit

CATALOG #
AAA80415

REACTIVITY
Human

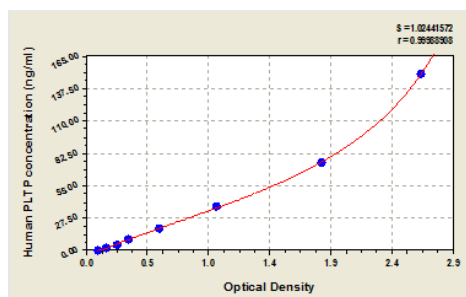
PRODUCT SYNONYMS

phospholipid transfer protein; Human phospholipid transfer protein; PLTP ELISA Kit; Human phospholipid transfer protein (PLTP) Elisa Kit; HDLCQ9; lipid transfer protein II; PLTP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PLTP. No significant cross-reactivity or interference between human PLTP and analogues was observed.
Sequence Length	398
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	2.34 ng/ml-150 ng/ml
Sensitivity	< 0.58 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLTP elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PLTP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PLTP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PLTP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PLTP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	339275807
NCBI GeneID	5360
NCBI Accession #	NP_001229849.1
NCBI GenBank Nucleotide #	NM_001242920.1
UniProt Accession #	P55058; Q8WTT1; Q9BR07; Q9BSH8; A8K006; B4DDD5; B4DRB4; E1P5N8; E7EV16
Molecular Weight	54,739 Da
NCBI Official Full Name	phospholipid transfer protein isoform c
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/80415>