

Human Phospholipid Transfer Protein ELISA Kit | PLTP elisa kit

Human Phospholipid Transfer Protein ELISA Kit

CATALOG #
AAA97888

REACTIVITY
Human

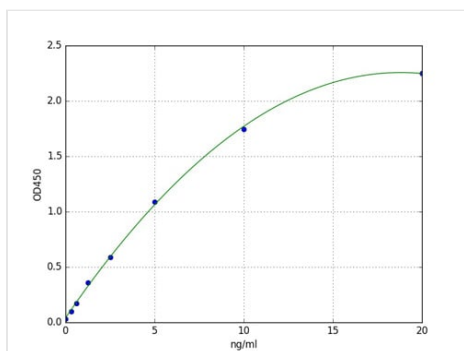
PRODUCT SYNONYMS

Phospholipid Transfer Protein; Human Phospholipid Transfer Protein ELISA Kit; PLTP/HDLCQ9/Lipid transfer protein II/phospholipid transfer protein; PLTP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	493
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	3.125-200ng/ml
Sensitivity	1.875ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Human PLTP ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.022	0.125	0.240	0.458	0.787	1.294	1.875	3.142

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLTP elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human PLTP antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PLTP antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human PLTP amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PLTP can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

468326

NCBI GeneID	5360
Molecular Weight	44,847 Da
NCBI Official Full Name	phospholipid transfer protein
NCBI Official Synonym Full Names	phospholipid transfer protein
NCBI Official Symbol	PLTP
NCBI Official Synonym Symbols	BPIFE; HDLCQ9
NCBI Protein Information	phospholipid transfer protein
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/97888>