

Mouse PLTP ELISA Kit | PLTP elisa kit

Mouse PLTP ELISA Kit

CATALOG # AAA261803	REACTIVITY Mouse	APPLICATIONS ELISA
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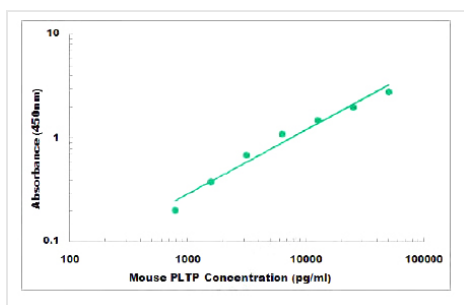
PRODUCT SYNONYMS

PLTP; Mouse PLTP ELISA Kit; Phospholipid transfer protein; Lipid transfer protein II; PLTP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse PLTP ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse PLTP proteins within the range of 780 pg/ml - 50000 pg/ml.
Sequence Length	493
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	20 pg/ml.
Applicable Applications for PLTP elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLTP elisa kit	Principle of the Assay The Mouse PLTP ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse PLTP in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Mouse PLTP coated on a 96-well plate. Standards and samples are pipetted into the wells and PLTP present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse PLTP antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of PLTP bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: Phospholipid transfer protein (PLTP), also known as lipid transfer protein II is a protein that in humans is encoded by the PLTP gene. This gene is mapped to 20q13.12. The protein encoded by this gene is one of at least two lipid transfer proteins found in human plasma. The encoded protein transfers phospholipids from triglyceride-rich lipoproteins to high density lipoprotein (HDL). In addition to regulating the size of HDL particles, this protein may be involved in cholesterol metabolism. At least two transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1709663
NCBI GeneID	18830
UniProt Accession #	P55065; Q99L70
Molecular Weight	54,453 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; OD107
NCBI Protein Information	phospholipid transfer protein
UniProt Protein Name	Phospholipid transfer protein
UniProt Gene Name	Pltp
UniProt Entry Name	PLTP_MOUSE

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.