

Rat Phospholipid Transfer Protein (PLTP) ELISA Kit | PLTP elisa kit

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CATALOG #
AAA63635

REACTIVITY
Rat

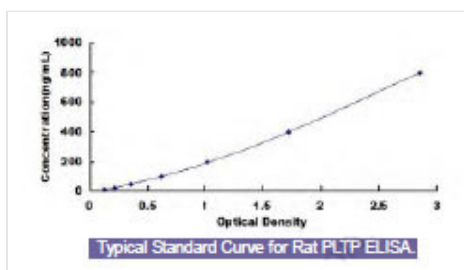
PRODUCT SYNONYMS

Phospholipid Transfer Protein (PLTP); Rat Phospholipid Transfer Protein (PLTP) ELISA Kit; Lipid transfer protein II; PLTP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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.
Sequence Length	496
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	12.5-800ng/mL
Sensitivity	5.5ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PLTP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PLTP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLTP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PLTP in rat serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PLTP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PLTP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PLTP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of PLTP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	270483883
NCBI GeneID	296371
NCBI Accession #	NP_001162015.1
NCBI GenBank Nucleotide #	NM_001168543.1
UniProt Accession #	E9PSP1
Molecular Weight	54,451 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
NCBI Protein Information	phospholipid transfer protein
UniProt Protein Name	Protein Pltp
UniProt Gene Name	Pltp

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.