

Human Lipoprotein lipase ELISA Kit | LPL elisa kit

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CATALOG #
AAA190704

REACTIVITY
Human

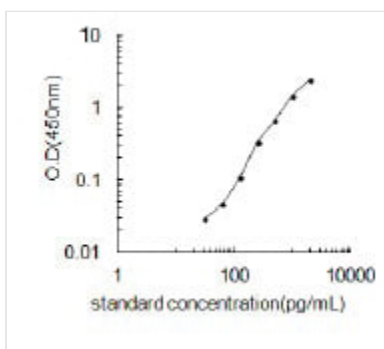
PRODUCT SYNONYMS

Lipoprotein lipase; Human Lipoprotein lipase ELISA Kit; LPL; LIPD; 3.1.1.34; LPL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Lithostathine-1-alpha
Sequence Length	475
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids
Detection Range	1.56 ng/mL-100 ng/mL.
Intra-assay Precision	Intra-Assay CV: <5.4%
Inter-assay Precision	Inter-Assay CV: <8.6%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LPL elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557727
NCBI GeneID	4023
NCBI Accession #	NP_000228.1
NCBI GenBank Nucleotide #	NM_000237.2
UniProt Accession #	P06858; Q16282; Q16283; Q96FC4; B2R5T9
Molecular Weight	53,162 Da
NCBI Official Full Name	lipoprotein lipase
NCBI Official Synonym Full Names	lipoprotein lipase
NCBI Official Symbol	LPL
NCBI Official Synonym Symbols	LIPD; HDLCQ11
NCBI Protein Information	lipoprotein lipase
UniProt Protein Name	Lipoprotein lipase
UniProt Gene Name	LPL
UniProt Synonym Gene Names	LIPD; LPL
UniProt Entry Name	LIPL_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/lpl-human-elisa-kits/lipoprotein-lipase/190704>