

Human Acyl-protein thioesterase 1, LYPLA1 ELISA Kit | LYPLA1 elisa kit

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CATALOG #
AAA123463

REACTIVITY
Human

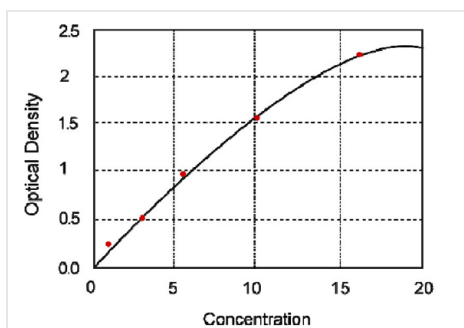
PRODUCT SYNONYMS

Acyl-protein thioesterase 1; LYPLA1; Human Acyl-protein thioesterase 1; LYPLA1 ELISA Kit; LYPLA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	230
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	15-3000ng/L
Sensitivity	7.32ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LYPLA1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human LYPLA1 antibody. LYPLA1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human LYPLA1 Antibody is added and binds to LYPLA1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LYPLA1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human LYPLA1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Acyl-protein thioesterase 1 (also known as LYPLA1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157954426
NCBI GeneID	100125992
NCBI GenBank Nucleotide #	NP_001103287.1
UniProt Accession #	O77821
NCBI Official Full Name	acyl-protein thioesterase 1
NCBI Official Symbol	LYPLA1
NCBI Official Synonym Symbols	APT-1; LPL-I; calPLA2; lysoPLA I
NCBI Protein Information	acyl-protein thioesterase 1
UniProt Protein Name	Acyl-protein thioesterase 1
UniProt Gene Name	LYPLA1
UniProt Synonym Gene Names	APT-1; CalPLA2; LPL-I; LysoPLA I

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/human-elisa-kits/acyl-protein-thioesterase-1-lypla1/123463>