

Human Lipase H (LIPH) ELISA Kit | LIPH elisa kit

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CATALOG #
AAA63555

REACTIVITY
Human

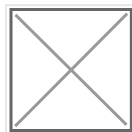
PRODUCT SYNONYMS

Lipase H (LIPH); Human Lipase H (LIPH) ELISA Kit; LPDLR; MPAPLA1; PLA1B; mPA-PLA1; LPD lipase-related protein; Phospholipase A1 member B; Membrane-associated phosphatidic acid-selective phospholipase A1-alpha; LIPH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LIPH. No significant cross-reactivity or interference between LIPH and analogues was observed.
Sequence Length	451
Samples	Serum, plasma, tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.68ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LIPH 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 LIPH 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 LIPH elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of LIPH in human serum, plasma, tissue homogenates, cell lysates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LIPH. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LIPH. 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 LIPH, 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 LIPH in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21245106
NCBI GeneID	200879
NCBI Accession #	NP_640341.1
NCBI GenBank Nucleotide #	NM_139248.2
UniProt Accession #	Q8WWY8; Q8TEC7; A2IBA7
Molecular Weight	50,859 Da
NCBI Official Full Name	lipase member H
NCBI Official Synonym Full Names	lipase H
NCBI Official Symbol	LIPH
NCBI Official Synonym Symbols	AH; LAH2; ARWH2; HYPT7; LPDLR; PLA1B; mPA-PLA1
NCBI Protein Information	lipase member H
UniProt Protein Name	Lipase member H
UniProt Gene Name	LIPH
UniProt Synonym Gene Names	LPDLR; MPAPLA1; PLA1B; LIPH; mPA-PLA1 alpha

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/lipase-h-liph/63555>