

Human Lipase, Hormone Sensitive (LIPE) ELISA Kit | LIPE elisa kit

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CATALOG #
AAA138143

REACTIVITY
Human

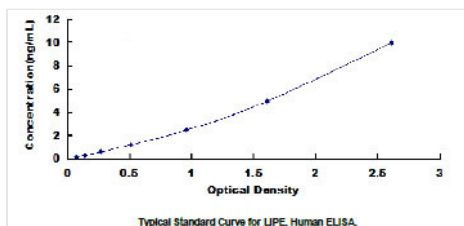
PRODUCT SYNONYMS

Lipase; Hormone Sensitive (LIPE); Human Lipase; Hormone Sensitive (LIPE) ELISA Kit; HSL; LHS; Hormone Sensitive Lipase; LIPE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Lipase, Hormone Sensitive (LIPE). No significant cross-reactivity or interference between Lipase, Hormone Sensitive (LIPE) and analogues was observed.
Sequence Length	775
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.065ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Lipase, Hormone Sensitive (LIPE) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Lipase, Hormone Sensitive (LIPE) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LIPE elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Lipase, Hormone Sensitive (LIPE). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Lipase, Hormone Sensitive (LIPE). 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 Lipase, Hormone Sensitive (LIPE), 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 Lipase, Hormone Sensitive (LIPE) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for LIPE elisa kit	Metabolic pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	119577539
NCBI GeneID	3991
UniProt Accession #	Q05469; Q3LRT2; Q6NSL7
Molecular Weight	84,128 Da
NCBI Official Full Name	lipase, hormone-sensitive
NCBI Official Synonym Full Names	lipase, hormone-sensitive
NCBI Official Symbol	LIPE
NCBI Official Synonym Symbols	HSL; LHS; AOMS4; FPLD6
NCBI Protein Information	hormone-sensitive lipase
UniProt Protein Name	Hormone-sensitive lipase
UniProt Gene Name	LIPE
UniProt Synonym Gene Names	HSL
UniProt Entry Name	LIPS_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/human-elisa-kits/lipase-hormone-sensitive-lipe/138143>