

Mouse lipase, hormone-sensitive ELISA Kit | LIPE elisa kit

Mouse Hormone-sensitive lipase, LIPE ELISA Kit

CATALOG #
AAA112762

REACTIVITY
Mouse

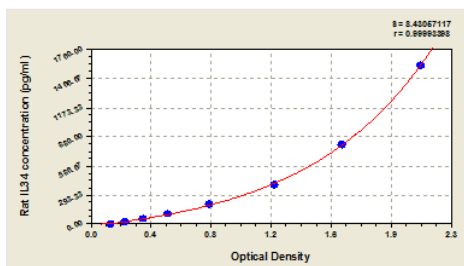
PRODUCT SYNONYMS

lipase; hormone-sensitive; Mouse Hormone-sensitive lipase; LIPE ELISA Kit; Mouse Hormone-sensitive lipase (LIPE) ELISA kit; HSL; LHS; hormone-sensitive lipase testicular isoform; lipase E; LIPE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse LIPE. No significant cross-reactivity or interference between Mouse LIPE and analogues was observed.
Sequence Length	759
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.156 U/ml-10 U/ml
Sensitivity	0.039 U/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Biosynthesis/Metabolism
Protein Biological Process 2	Lipogenesis and lipometabolism
Protein Biological Process 3	Cholesterol metabolism
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LIPE elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LIPE has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LIPE present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LIPE is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LIPE bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	87239972
NCBI GeneID	16890
NCBI Accession #	NP_001034596.1
NCBI GenBank Nucleotide #	NM_001039507.2
UniProt Accession #	P54310; P97866; Q3TE34; Q6GU16; Q8CDI9
Molecular Weight	83,348 Da
NCBI Official Full Name	hormone-sensitive lipase isoform 2
NCBI Official Synonym Full Names	lipase, hormone sensitive
NCBI Official Symbol	Lipe
NCBI Official Synonym Symbols	HSL; 4933403G17Rik
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_MOUSE

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/lipe-mouse-elisa-kits/lipase-hormone-sensitive/112762>