

Mouse Lipase, Hepatic ELISA Kit | LIPC elisa kit

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CATALOG #
AAA98871

REACTIVITY
Mouse

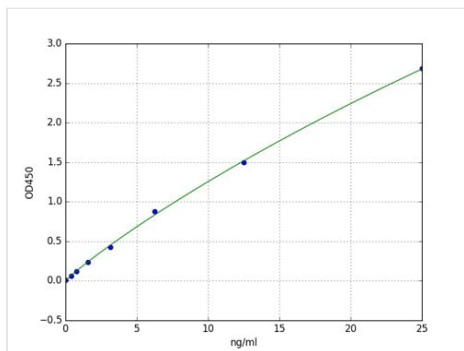
PRODUCT SYNONYMS

Lipase; Hepatic; Mouse Lipase; Hepatic ELISA Kit; LIPC/HTGL/Hepatic triacylglycerol lipase/HL/Hepatic lipase/Lipase member C; LIPC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	499
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.391-25ng/ml
Sensitivity	0.234ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse LIPC ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.391	0.781	1.563	3.125	6.25	12.5	25
Y	OD450	0.015	0.223	0.316	0.647	1.192	1.346	1.789	1.953

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LIPC elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse LIPC antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse LIPC antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse LIPC amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse LIPC can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

119597942

NCBI GeneID	3990
Molecular Weight	55,914 Da
NCBI Official Full Name	lipase, hepatic
NCBI Official Synonym Full Names	lipase C, hepatic type
NCBI Official Symbol	LIPC
NCBI Official Synonym Symbols	HL; HTGL; LIPH; HDLCQ12
NCBI Protein Information	hepatic triacylglycerol lipase
UniProt Protein Name	Hepatic triacylglycerol lipase
UniProt Gene Name	LIPC
UniProt Synonym Gene Names	HTGL; HL; Hepatic lipase
UniProt Entry Name	LIPC_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/lipc-mouse-elisa-kits/lipase-hepatic/98871>