

Chicken Hepatic lipase ELISA Kit | HL elisa kit

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CATALOG #
AAA93730

REACTIVITY
Chicken

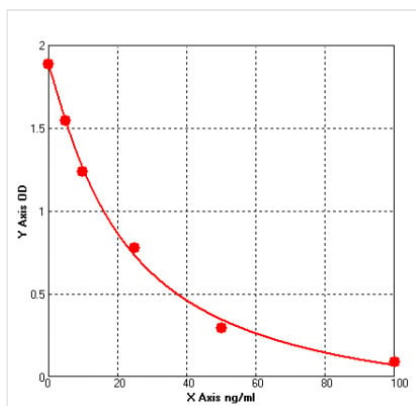
PRODUCT SYNONYMS

Hepatic lipase; Chicken Hepatic lipase ELISA Kit; HL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of HL. No significant cross-reactivity or interference between HL and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between HL and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HL elisa kit	Principle of the Assay: HL ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-HL antibody and an HL-HRP conjugate. The assay sample and buffer are incubated together with HL-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HL concentration since HL from samples and HL-HRP conjugate compete for the anti-HL antibody binding site. Since the number of sites is limited, as more sites are occupied by HL from the sample, fewer sites are left to bind HL-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HL concentration in each sample is interpolated from this standard curve. Intended Uses: This HL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken HL. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for HL elisa kit	Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	194097335
NCBI GeneID	3990
NCBI Accession #	NP_000227.2
NCBI GenBank Nucleotide #	NM_000236.2
UniProt Accession #	P11150; O43571; P78529; Q99465; A2RUB4; A8K9B6
Molecular Weight	55,914 Da
NCBI Official Full Name	hepatic triacylglycerol lipase
NCBI Official Synonym Full Names	lipase, hepatic
NCBI Official Symbol	LIPC
NCBI Official Synonym Symbols	HL; HTGL; LIPH; HDLCQ12
NCBI Protein Information	hepatic triacylglycerol lipase; hepatic lipase; lipase member C
UniProt Protein Name	Hepatic triacylglycerol lipase
UniProt Gene Name	LIPC
UniProt Synonym Gene Names	HTGL; HL
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/hl-chicken-elisa-kits/hepatic-lipase/93730>