

Canine Hepatic lipase ELISA Kit | HL elisa kit

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CATALOG #
AAA92158

REACTIVITY
Canine

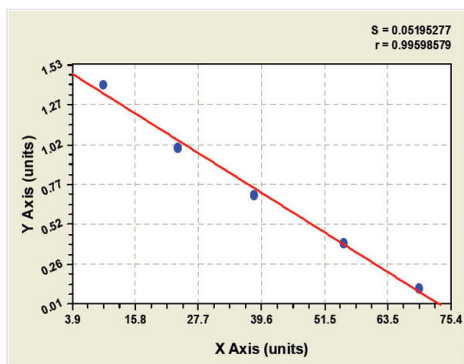
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This HL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine HL. This ELISA kit for research use only, not for therapeutic applications
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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 a monoclonal 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194097335
NCBI GeneID	3990
NCBI Accession #	NP_000227.2
NCBI GenBank Nucleotide #	NM_000236.2
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; 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/hl-canine-elisa-kits/hepatic-lipase/92158>