

Canine Hormone Sensitive Lipase ELISA Kit | HSL elisa kit

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CATALOG #
AAA88181

REACTIVITY
Canine

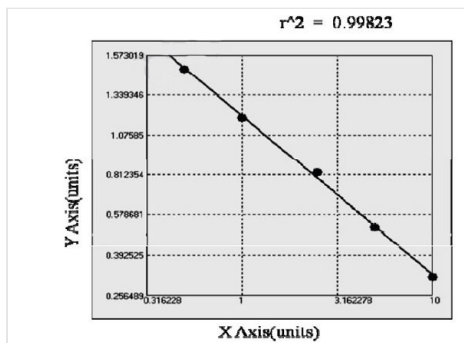
PRODUCT SYNONYMS

Hormone Sensitive Lipase; Canine Hormone Sensitive Lipase ELISA Kit; HSL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This BG HSL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine HSL. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSL elisa kit

Principle of the assay: HSL ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HSL antibody and an HSL-HRP conjugate. The assay sample and buffer are incubated together with HSL-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 HSL concentration since HSL from samples and HSL-HRP conjugate compete for the anti-HSL antibody binding site. Since the number of sites is limited, as more sites are occupied by HSL from the sample, fewer sites are left to bind HSL-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HSL concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21328446
NCBI GeneID	3991
NCBI Accession #	NP_005348.2
NCBI GenBank Nucleotide #	NM_005357.3
Molecular Weight	84,128 Da
NCBI Official Full Name	hormone-sensitive lipase
NCBI Official Synonym Full Names	lipase, hormone-sensitive
NCBI Official Symbol	LIPE
NCBI Official Synonym Symbols	HSL; LHS; AOMS4
NCBI Protein Information	hormone-sensitive lipase; hormone-sensitive lipase testicular isoform
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hsl-canine-elisa-kits/hormone-sensitive-lipase/88181>