

Bovine Hormone-sensitive lipase ELISA Kit | LIPE elisa kit

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CATALOG #
AAA56197

REACTIVITY
Bovine

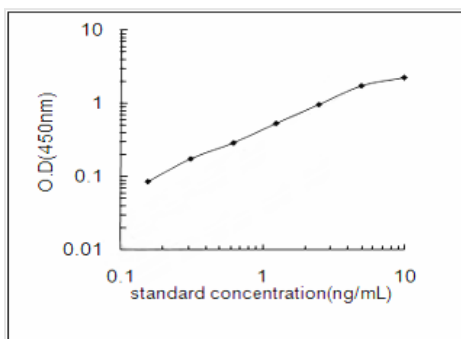
PRODUCT SYNONYMS

Hormone-sensitive lipase; Bovine Hormone-sensitive lipase ELISA Kit; LIPE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovine HSL. No significant cross-reactivity or interference was observed.
Sequence Length	1076
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Detection Range	0.15 ng/ml -10.0 ng/ml.
Intended Uses	This immunoassay kit allows for the in vitro quantitative determination of bovine HSL concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LIPE elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HSL. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for HSL and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain HSL, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of HSL in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	122692283
NCBI GeneID	286879
NCBI Accession #	NP_001073689.1
NCBI GenBank Nucleotide #	NM_001080220.1
UniProt Accession #	P16386; Q562H4; A1YWA8
Molecular Weight	82,641 Da
NCBI Official Full Name	hormone-sensitive lipase
NCBI Official Symbol	LIPE
NCBI Official Synonym Symbols	hsl
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_BOVIN

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-bovine-ovine-elisa-kits/hormone-sensitive-lipase/56197>