

Rat Hormone sensitive lipase (HSL) ELISA Kit | HSL elisa kit

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CATALOG #
AAA43383

REACTIVITY
Rat

PRODUCT SYNONYMS

Hormone sensitive lipase (HSL); Rat Hormone sensitive lipase (HSL) ELISA Kit; HSL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1076
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.3ng/ml - 90ng/ml
Sensitivity	0.15ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSL elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Hormone Sensitive Lipase (also known as HSL) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat HSL antibody. HSL present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat HSL Antibody is added and binds to HSL in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HSL antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat HSL. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21328446
NCBI GeneID	3991
NCBI Accession #	NP_005348.2
NCBI GenBank Nucleotide #	NM_005357.3
UniProt Accession #	Q05469; Q3LRT2; Q6NSL7
Molecular Weight	84,128 Da
NCBI Official Full Name	hormone-sensitive lipase
NCBI Official Synonym Full Names	lipase E, hormone sensitive type
NCBI Official Symbol	LIPE
NCBI Official Synonym Symbols	HSL; LHS; AOMS4; FPLD6
NCBI Protein Information	hormone-sensitive lipase
UniProt Protein Name	Hormone-sensitive lipase
UniProt Gene Name	LIPE
UniProt Synonym Gene Names	HSL

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/rat-elisa-kits/hormone-sensitive-lipase-hsl/43383>