

Mouse Lipolysis Stimulated Lipoprotein Receptor (LSR) ELISA Kit | LSR elisa kit

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CATALOG #
AAA138999

REACTIVITY
Mouse

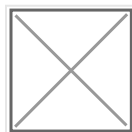
PRODUCT SYNONYMS

Lipolysis Stimulated Lipoprotein Receptor (LSR); Mouse Lipolysis Stimulated Lipoprotein Receptor (LSR) ELISA Kit; LISCH7; ILDR3; LISCH; Lipolysis-Stimulated Remnant; Immunoglobulin-Like Domain Containing Receptor 3; LSR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Lipolysis Stimulated Lipoprotein Receptor (LSR). No significant cross-reactivity or interference between Lipolysis Stimulated Lipoprotein Receptor (LSR) and analogues was observed.
Sequence Length	493
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.059ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Lipolysis Stimulated Lipoprotein Receptor (LSR) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Lipolysis Stimulated Lipoprotein Receptor (LSR) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LSR elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Lipolysis Stimulated Lipoprotein Receptor (LSR). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Lipolysis Stimulated Lipoprotein Receptor (LSR). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Lipolysis Stimulated Lipoprotein Receptor (LSR), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Lipolysis Stimulated Lipoprotein Receptor (LSR) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for LSR elisa kit	Metabolic pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	54887390
NCBI GeneID	51599
UniProt Accession #	Q86X29; O00112; O00426; Q6ZT80; Q8NBM0; Q9BT33; Q9UQL3; A6NDW3; B4DKL4; E9PHD4
Molecular Weight	54,498 Da
NCBI Official Full Name	Lipolysis stimulated lipoprotein receptor
NCBI Official Synonym Full Names	lipolysis stimulated lipoprotein receptor
NCBI Official Symbol	LSR
NCBI Official Synonym Symbols	ILDR3; LISCH7
NCBI Protein Information	lipolysis-stimulated lipoprotein receptor
UniProt Protein Name	Lipolysis-stimulated lipoprotein receptor
UniProt Gene Name	LSR
UniProt Synonym Gene Names	LISCH
UniProt Entry Name	LSR_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/mouse-elisa-kits/lipolysis-stimulated-lipoprotein-receptor-lsr/138999>