

Rat Leptin receptor, LR/Ob-R ELISA Kit | LR/Ob-R elisa kit

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CATALOG #
AAA42584

REACTIVITY
Rat

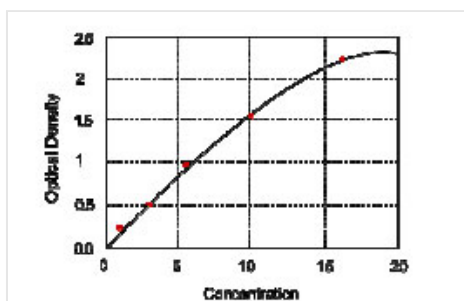
PRODUCT SYNONYMS

Leptin receptor; LR/Ob-R; Rat Leptin receptor; LR/Ob-R ELISA Kit; LR/Ob-R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1165
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 150ng/ml
Sensitivity	0.25ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 LR/Ob-R elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Leptin Receptor (also known as LR/Ob-R) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat LR/Ob-R antibody. LR/Ob-R present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat LR/Ob-R Antibody is added and binds to LR/Ob-R in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LR/Ob-R 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 LR/Ob-R. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1589772
Molecular Weight	102,490 Da
NCBI Official Full Name	leptin receptor
UniProt Protein Name	Leptin receptor
UniProt Gene Name	LEPR
UniProt Synonym Gene Names	DB; OBR; LEP-R; OB-R

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/leptin-receptor-lr-ob-r/42584>