

Rat Leptin Receptor ELISA Kit | LEPR elisa kit

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CATALOG #
AAA98601

REACTIVITY
Rat

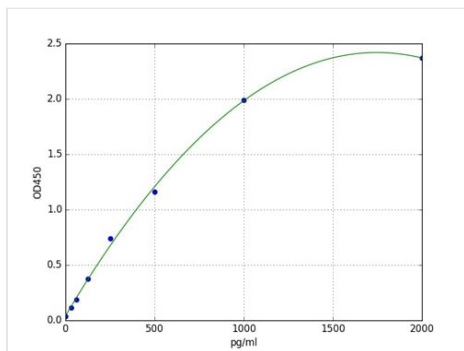
PRODUCT SYNONYMS

Leptin Receptor; Rat Leptin Receptor ELISA Kit; LEPR/Leptin R/Leptin receptor/CD295/LEP-R/LR/LEPRD/OB-R/OBR; LEPR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	896
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Rat LEPR ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.004	0.065	0.130	0.234	0.427	0.839	1.619	2.158

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LEPR elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat LEPR antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat LEPR antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat LEPR amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat LEPR can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

3236286

NCBI GeneID	3953
Molecular Weight	96,042 Da
NCBI Official Full Name	leptin receptor
NCBI Official Synonym Full Names	leptin receptor
NCBI Official Symbol	LEPR
NCBI Official Synonym Symbols	OBR; OB-R; CD295; LEP-R; LEPRD
NCBI Protein Information	leptin receptor
UniProt Protein Name	Leptin receptor
UniProt Gene Name	LEPR
UniProt Synonym Gene Names	DB; OBR; LEP-R; OB-R
UniProt Entry Name	LEPR_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://www.aaabiotech.com/lepr-rat-elisa-kits/leptin-receptor/98601>