

Rat Leptin, LEP ELISA Kit | LEP elisa kit

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CATALOG #
AAA41704

REACTIVITY
Rat

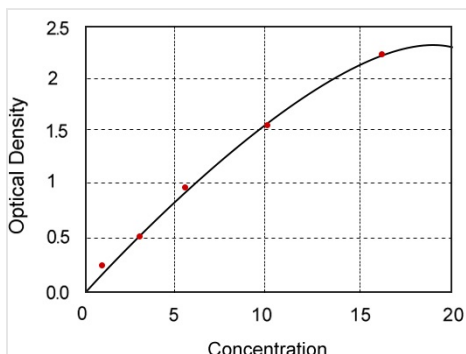
PRODUCT SYNONYMS

Leptin; LEP; Rat Leptin; LEP ELISA Kit; LEP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	167
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 20ng/ml
Sensitivity	0.05ng/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 LEP elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Leptin (also known as LEP) 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 LEP antibody. LEP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat LEP Antibody is added and binds to LEP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LEP 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 LEP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	89994188
NCBI GeneID	100860794
UniProt Accession #	Q257X2
Molecular Weight	18,700 Da
NCBI Official Full Name	leptin
NCBI Official Symbol	LEP
NCBI Official Synonym Symbols	OB; obese; hormone
NCBI Protein Information	leptin
UniProt Protein Name	Leptin
UniProt Gene Name	LEP
UniProt Synonym Gene Names	OB

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/rat-elisa-kits/leptin-lep/41704>