

Mouse Leptin ELISA Kit | Lep elisa kit

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CATALOG #
AAA194487

REACTIVITY
Mouse

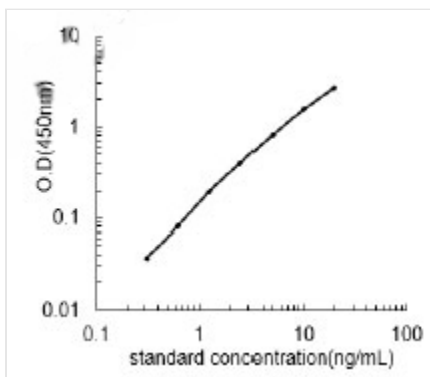
PRODUCT SYNONYMS

Leptin; Mouse Leptin ELISA Kit; Obesity factor; Lep; Ob; Lep elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Human Rab GTPase-binding effector protein 1
Sequence Length	167
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids
Detection Range	0.78-50 ng/mL
Intra-assay Precision	Intra-Assay CV: <=5.7%
Inter-assay Precision	Inter-Assay CV: <=10.4%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Lep elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678678
NCBI GeneID	16846
NCBI Accession #	NP_032519.1
NCBI GenBank Nucleotide #	NM_008493.3
UniProt Accession #	P41160
Molecular Weight	18,709 Da
NCBI Official Full Name	leptin
NCBI Official Synonym Full Names	leptin
NCBI Official Symbol	Lep
NCBI Official Synonym Symbols	ob; obese
NCBI Protein Information	leptin
UniProt Protein Name	Leptin
UniProt Gene Name	Lep
UniProt Synonym Gene Names	Ob
UniProt Entry Name	LEP_MOUSE

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/lep-mouse-elisa-kits/leptin/194487>