

Mouse LEP (Leptin) ELISA Kit | LEP elisa kit

MS Mouse LEP (Leptin) ELISA Kit

CATALOG #
AAA178066

REACTIVITY
Mouse

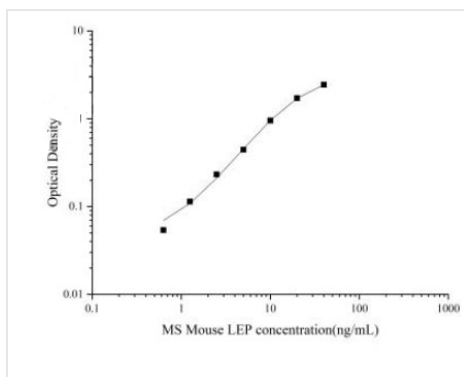
PRODUCT SYNONYMS

LEP (Leptin); MS Mouse LEP (Leptin) ELISA Kit; LEP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse LEP in samples. No significant crossreactivity or interference between Mouse LEP and analogues was observed
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.63-40 ng/mL
Sensitivity	0.38 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse LEP were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse LEP were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	An unopened kit can be stored at 2-8 degree C for 1 month. If the kit is not supposed to be used within 1 month, store the components separately according to the following conditions once the kit is received.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LEP elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse LEP. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse LEP and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse LEP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Mouse LEP. You can calculate the concentration of Mouse LEP in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse LEP concentrations in serum, plasma and other biological fluids.
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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; obesity factor
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.