

Mouse LEPR (Leptin Receptor) ELISA Kit | LEPR elisa kit

MS Mouse LEPR (Leptin Receptor) ELISA Kit

CATALOG #
AAA178067

REACTIVITY
Mouse

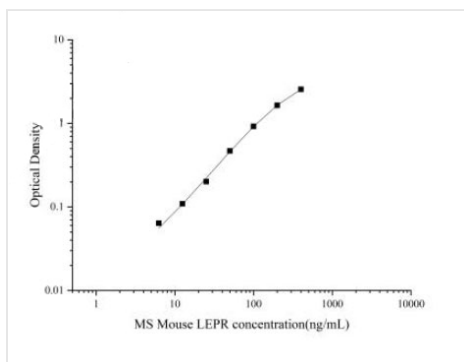
PRODUCT SYNONYMS

LEPR (Leptin Receptor); MS Mouse LEPR (Leptin Receptor) ELISA Kit; LEPR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse LEPR in samples. No significant cross-reactivity or interference between Mouse LEPR and analogues was observed
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	6.25-400 ng/mL
Sensitivity	3.75 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse LEPR 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 LEPR 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 LEPR 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 LEPR. 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 LEPR 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 LEPR, 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 LEPR. You can calculate the concentration of Mouse LEPR 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 LEPR concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1352612
NCBI GeneID	16847
UniProt Accession #	P48356; O35686; O54986; Q61215; Q64309; Q9QWG3; Q9QWV5
Molecular Weight	90,887 Da
NCBI Official Full Name	Leptin receptor
NCBI Official Synonym Full Names	leptin receptor
NCBI Official Symbol	Lepr
NCBI Official Synonym Symbols	db; Obr; obl; Leprb; Modb1; LEPROT; OB-RGRP; diabetes; obese-like
NCBI Protein Information	leptin receptor; B219; LEP-R; OB receptor; leptin receptor gene-related protein
UniProt Protein Name	Leptin receptor
UniProt Gene Name	Lepr
UniProt Synonym Gene Names	Db; Obr; LEP-R; OB-R
UniProt Entry Name	LEPR_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/mouse-elisa-kits/lepr-leptin-receptor/178067>