

Mouse LEP ELISA Kit | LEP elisa kit

Mouse LEP (Leptin) ELISA Kit

CATALOG #
AAA165119

REACTIVITY
Mouse

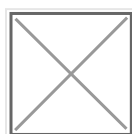
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant Mouse LEP. No significant cross-reactivity or interference between Mouse LEP and analogues was observed.
Sequence Length	167
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	125-8000pg/mL
Sensitivity	Min: 75pg/mL; Max: 8000pg/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Mouse LEP concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LEP elisa kit

Principle of the assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to LEP. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for LEP and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain LEP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of LEP. You can calculate the concentration of LEP in the samples by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[55741433](#)

NCBI GeneID	396832
NCBI Accession #	NP_999005.1
NCBI GenBank Nucleotide #	NM_213840.1
UniProt Accession #	Q29406 ; O19095 ; Q95251
Molecular Weight	18,661 Da
NCBI Official Full Name	leptin
NCBI Official Symbol	LEP
NCBI Official Synonym Symbols	OB; OBS
NCBI Protein Information	leptin; obese; obesity factor
UniProt Protein Name	Leptin
UniProt Gene Name	LEP
UniProt Synonym Gene Names	OB; OBS
UniProt Entry Name	LEP_PIG

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/lep/165119>