

Mouse Leptin (LEP) ELISA Kit | LEP elisa kit

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CATALOG #
AAA281544

REACTIVITY
Mouse

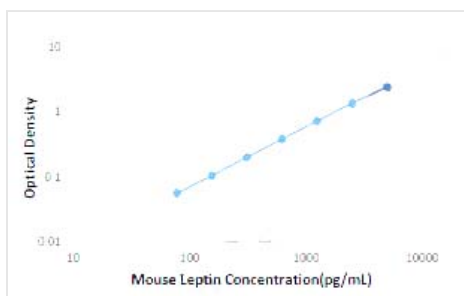
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes both recombinant and natural mouse Leptin. The factors listed below were prepared at 50ng/ml and assayed for cross-reactivity.
Samples	Cell culture supernates, serum and plasma
Assay Type	Quantitative Sandwich
Sensitivity	< 54 pg/mL
Intra-assay Precision	Three samples of known concentration were tested 20 times on one plate to evaluate the Intra-plate precision.
Inter-assay Precision	Three samples of known concentration were tested 20 times separate assays to evaluate the Inter-plate precision. Assay were using two lots of components.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LEP elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. A monoclonal antibody specific for Leptin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Leptin present is bound by the immobilized antibody. Following incubation unbound samples are removed during a wash step, and then a detection antibody specific for Leptin is added to the wells and binds to the combination of capture antibody Leptin in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps, a substrate is added. A colored product TMB is formed in proportion to the amount of Leptin present in the sample. The reaction is terminated by addition of acid and absorbance is measured. A standard curve is prepared from seven Leptin standard dilutions and Leptin sample concentration determined.

Background/Introduction: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of Mouse Leptin concentrations in cell culture supernates, serum and plasma.

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/mouse-elisa-kits/leptin-lep/281544>