

Sheep leptin ELISA Kit | LEP elisa kit

Sheep Leptin, LEP ELISA Kit

CATALOG #
AAA80938

REACTIVITY
Sheep

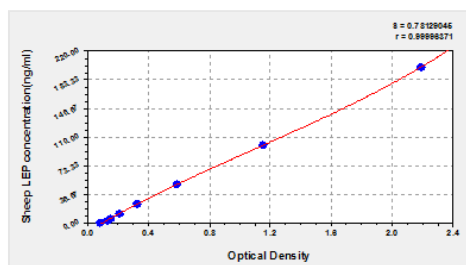
PRODUCT SYNONYMS

leptin; Sheep Leptin; LEP ELISA Kit; Sheep Leptin (LEP) ELISA kit; FLJ94114; OB; OBS; leptin (murine obesity homolog) ; leptin (obesity homolog; mouse) ; obese; mouse; homolog of; obesity factor; LEP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of sheep LEP. No significant cross-reactivity or interference between sheep LEP and analogues was observed.
Sequence Length	146
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	3.12 ng/ml-200 ng/ml.
Sensitivity	The minimum detectable dose of sheep LEP is typically less than 0.78 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

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. Antibody specific for LEP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LEP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LEP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LEP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3041703
UniProt Accession #	Q28603; P79212
Molecular Weight	16,054 Da
NCBI Official Full Name	Leptin
UniProt Protein Name	Leptin
UniProt Gene Name	LEP
UniProt Synonym Gene Names	OB
UniProt Entry Name	LEP_SHEEP

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-sheep-elisa-kits/leptin/80938>