

Bovine Leptin ELISA Kit | LEP elisa kit

Bovine Leptin (LEP) ELISA Kit

CATALOG #
AAA55735

REACTIVITY
Bovine

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of Bovine LEP. No significant cross-reactivity or interference between Bovine LEP and analogues was observed.
Sequence Length	167
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for LEP elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate LEP in samples. An antibody specific for LEP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyLEP 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, Streptavidin 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 #	87196505
NCBI GeneID	280836
NCBI Accession #	NP_776353.2
NCBI GenBank Nucleotide #	NM_173928.2
UniProt Accession #	P50595 ; O97918 ; Q5EAE4 ; Q95133 ; Q9TSZ9

Molecular Weight	18,716 Da
NCBI Official Full Name	leptin
NCBI Official Synonym Full Names	leptin
NCBI Official Symbol	LEP
NCBI Official Synonym Symbols	ob
NCBI Protein Information	leptin
UniProt Protein Name	Leptin
UniProt Gene Name	LEP
UniProt Synonym Gene Names	OB; OBS

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/lep-bovine-ovine-elisa-kits/leptin/55735>