

Horse leptin ELISA Kit | LEP elisa kit

Horse Leptin, LEP ELISA Kit

CATALOG #
AAA18302

REACTIVITY
Horse

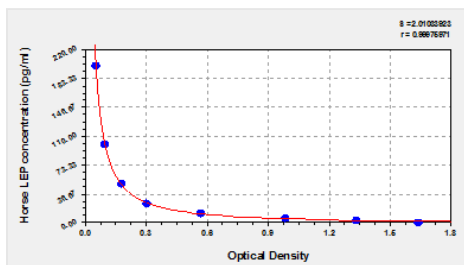
PRODUCT SYNONYMS

leptin; Horse Leptin; LEP ELISA Kit; Horse 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	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of horse LEP. No significant cross-reactivity or interference between horse LEP and analogues was observed.
Sequence Length	145
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates
Detection Range	3.12 pg/ml-200 pg/ml
Sensitivity	< 0.78 pg/ml
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 competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with LEP. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for LEP. The competitive inhibition reaction is launched between with pre-coated LEP and LEP in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of LEP in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	57015328
NCBI GeneID	100034042
UniProt Accession #	Q9TU09; Q6S9B2; Q9XS85
Molecular Weight	15,935 Da
NCBI Official Full Name	Leptin
NCBI Official Symbol	LEP
NCBI Protein Information	leptin; obesity factor
UniProt Protein Name	Leptin
UniProt Gene Name	LEP
UniProt Synonym Gene Names	OB
UniProt Entry Name	LEP_HORSE

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-horse-elisa-kits/leptin/18302>