

Horse Leptin ELISA Kit | LEP elisa kit

Horse Leptin (LEP) ELISA Kit

CATALOG #
AAA55363

REACTIVITY
Horse

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of Horse IL1B. No significant cross-reactivity or interference between Horse IL1B and analogues was observed.
Sequence Length	167
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/mL-2000 pg/mL
Sensitivity	15.6 pg/mL (mean of 6 independent assays).
Intra-assay 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. Intra-Assay: CV<8%
Inter-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. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for LEP elisa kit

Intended Uses: For the quantitative detection of Horse Interleukin-1 beta (IL1B) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IL1B in Horse serum, plasma. An antibody specific for IL1B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL1B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL1B 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 IL1B bound in the initial step. 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
UniProt Protein Name	Leptin
UniProt Gene Name	LEP
UniProt Synonym Gene Names	OB

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/lep-horse-elisa-kits/leptin/55363>