

Canine Leu-enkephalin ELISA Kit | Leu-ENK elisa kit

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CATALOG #
AAA97527

REACTIVITY
Canine

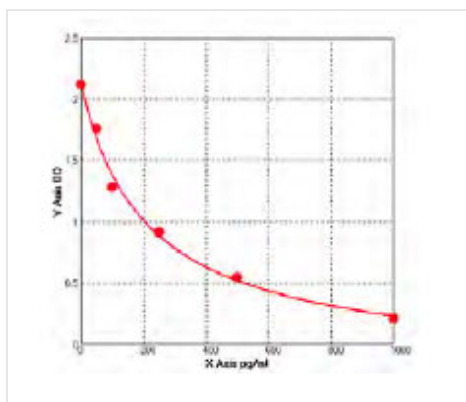
PRODUCT SYNONYMS

Leu-enkephalin; Canine Leu-enkephalin ELISA Kit; Leu-ENK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Leu-ENK elisa kit

Intended Uses: This LENKELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine LENK. This ELISA kit for research use only!

Principle of the Assay: LENKELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-LENK antibody and an LENK-HRP conjugate. The assay sample and buffer are incubated together with LENK-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the LENK concentration since LENK from samples and LENK-HRP conjugate compete for the anti-LENK antibody binding site. Since the number of sites is limited, as more sites are occupied by LENK from the sample, fewer sites are left to bind LENK-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LENK concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	627114
NCBI Official Full Name	Leu-enkephalin - blue mussel

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://stage.aaabiotech.com/leu-enk-canine-elisa-kits/leu-enkephalin/97527>