

Canine Kallikrein 3 ELISA Kit | KLK3 elisa kit

Canine Kallikrein 3 ELISA Kit

CATALOG #
AAA97129

REACTIVITY
Canine

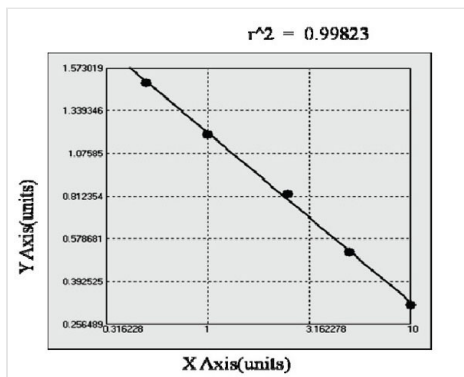
PRODUCT SYNONYMS

Kallikrein 3; Canine Kallikrein 3 ELISA Kit; KLK3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLK3 elisa kit

Intended Uses: This KLK3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine KLK3. This ELISA kit for research use only!

Principle of the Assay: KLK3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-KLK3 antibody and an KLK3-HRP conjugate. The assay sample and buffer are incubated together with KLK3-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 KLK3 concentration since KLK3 from samples and KLK3-HRP conjugate compete for the anti-KLK3 antibody binding site. Since the number of sites is limited, as more sites are occupied by KLK3 from the sample, fewer sites are left to bind KLK3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The KLK3 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	61358593
NCBI Official Full Name	kallikrein 3

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/klk3-canine-elisa-kits/kallikrein-3/97129>