

Canine B-Cell Linker Protein ELISA Kit | BLNK elisa kit

Canine B-Cell Linker Protein ELISA Kit

CATALOG #
AAA94558

REACTIVITY
Canine

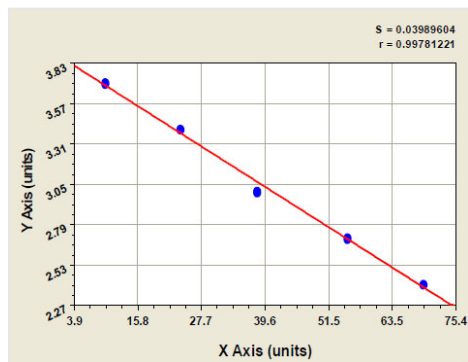
PRODUCT SYNONYMS

B-Cell Linker Protein; Canine B-Cell Linker Protein ELISA Kit; BLNK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This BLNK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine BLNK. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BLNK elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	166235901
NCBI GeneID	29760
NCBI Accession #	NP_001107566.1
NCBI GenBank Nucleotide #	NM_001114094.1
Molecular Weight	44,451 Da
NCBI Official Full Name	B-cell linker protein isoform 2
NCBI Official Synonym Full Names	B-cell linker
NCBI Official Symbol	BLNK
NCBI Official Synonym Symbols	bca; AGM4; BASH; LY57; SLP65; BLNK-S; SLP-65
NCBI Protein Information	B-cell linker protein; B-cell activation; B cell linker protein; cytoplasmic adapter protein; B cell adaptor containing SH2 domain; B-cell adapter containing a SH2 domain protein; B-cell adapter containing a Src homology 2 domain protein; Src homology 2 domain-containing leukocyte protein of 65 kDa
UniProt Protein Name	B-cell linker protein
UniProt Gene Name	BLNK
UniProt Synonym Gene Names	BASH; SLP65; SLP-65
UniProt Entry Name	BLNK_HUMAN

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.