

Canine B-Lymphocyte Chemoattractant 1 ELISA Kit | BLC1 elisa kit

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CATALOG #
AAA90501

REACTIVITY
Canine

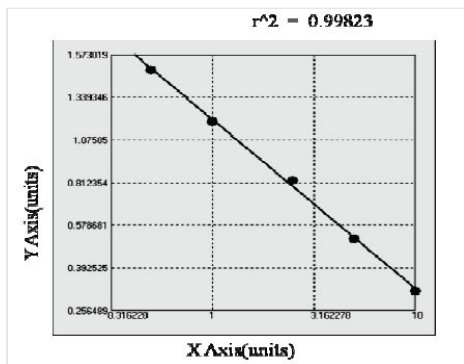
PRODUCT SYNONYMS

B-Lymphocyte Chemoattractant 1; Canine B-Lymphocyte Chemoattractant 1 ELISA Kit; BLC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This BLC1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine BLC1. 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 BLC1 elisa kit

Principle of the Assay: BLC1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BLC1 antibody and an BLC1HRP conjugate. The assay sample and buffer are incubated together with BLC1HRP 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 BLC1 concentration since BLC1 from samples and BLC1HRP conjugate compete for the anti-BLC1 antibody binding site. Since the number of sites is limited, as more sites are occupied by BLC1 from the sample, fewer sites are left to bind BLC1HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BLC1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	229561847
Molecular Weight	19,976 Da
NCBI Official Full Name	Blc1
UniProt Protein Name	Blc
UniProt Gene Name	blc
UniProt Synonym Gene Names	blc1; blc1-1; blc1-2; BU65_04595; KPCE_052; NDM1Dok01_N0092; pAPEC1990_61_75; pAR060302_0085; pAR060302_82; peH4H_0074; peH4H_0082; pNDM102337_85; pNDM10505_85
UniProt Entry Name	B6VP23_ECOLX

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/blc1-canine-elisa-kits/b-lymphocyte-chemoattractant-1/90501>