

Canine Beta Cell Leukemia/Lymphoma 2 ELISA Kit | BCL-2 elisa kit

Canine Beta Cell Leukemia/Lymphoma 2 ELISA Kit

CATALOG #
AAA90432

REACTIVITY
Canine

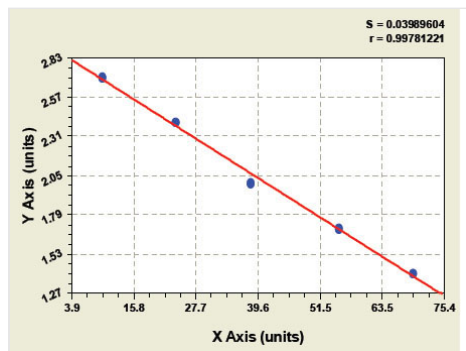
PRODUCT SYNONYMS

Beta Cell Leukemia/Lymphoma 2; Canine Beta Cell Leukemia/Lymphoma 2 ELISA Kit; BCL-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This BCL-2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine BCL-2. 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 BCL-2 elisa kit

Principle of the Assay: BCL-2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BCL-2 antibody and an BCL-2-HRP conjugate. The assay sample and buffer are incubated together with BCL-2-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 BCL-2 concentration since BCL-2 from samples and BCL-2-HRP conjugate compete for the anti-BCL-2 antibody binding site. Since the number of sites is limited, as more sites are occupied by BCL-2 from the sample, fewer sites are left to bind BCL-2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BCL-2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30102399
Molecular Weight	17,199 Da
NCBI Official Full Name	bcl-2, partial
UniProt Protein Name	Bcl-2
UniProt Gene Name	bcl-2
UniProt Entry Name	Q6LD89_9MURI

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/bcl-2-canine-elisa-kits/beta-cell-leukemia-lymphoma-2/90432>