

Canine Cytokine receptor-like factor 2 (CRLF2) ELISA Kit | CRLF2 elisa kit

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CATALOG #
AAA245728

REACTIVITY
Canine

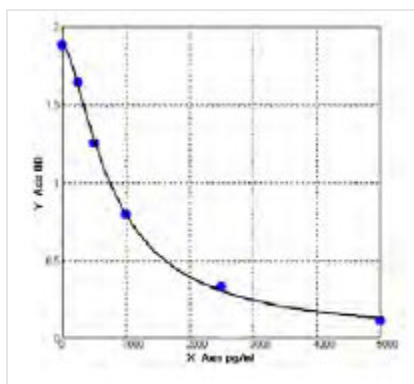
PRODUCT SYNONYMS

Cytokine receptor-like factor 2 (CRLF2); Canine Cytokine receptor-like factor 2 (CRLF2) ELISA Kit; CRLF2 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 CRLF2 elisa kit

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923096
NCBI GeneID	64109
NCBI Accession #	NP_071431.2
NCBI GenBank Nucleotide #	NM_022148.3
Molecular Weight	26,774 Da
NCBI Official Full Name	cytokine receptor-like factor 2 isoform 1
NCBI Official Synonym Full Names	cytokine receptor-like factor 2
NCBI Official Symbol	CRLF2
NCBI Official Synonym Symbols	CRL2; TSLPR; CRLF2Y
NCBI Protein Information	cytokine receptor-like factor 2; IL-XR; TSLP receptor; cytokine receptor CRL2 precursor; thymic stromal lymphopoietin protein receptor; thymic stromal-derived lymphopoietin receptor
UniProt Protein Name	Cytokine receptor-like factor 2
UniProt Gene Name	CRLF2
UniProt Synonym Gene Names	CRL2; ILXR; TSLPR; TSLP receptor
UniProt Entry Name	CRLF2_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.