

Canine Chemokine Like Factor ELISA Kit | CKLF elisa kit

Canine Chemokine Like Factor ELISA Kit

CATALOG #
AAA96472

REACTIVITY
Canine

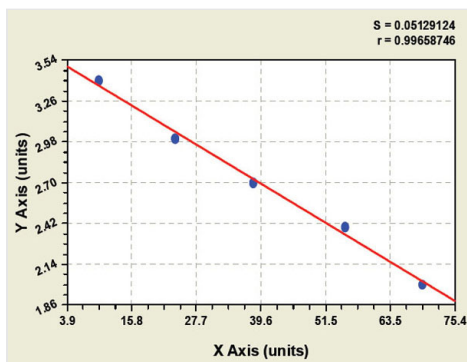
PRODUCT SYNONYMS

Chemokine Like Factor; Canine Chemokine Like Factor ELISA Kit; CKLF 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
Intended Uses	This CKLF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CKLF. This ELISA kit for research use only, not for therapeutic applications
!Intended Uses	This CKLF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CKLF. 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 CKLF elisa kit	Principle of the Assay: CKLF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CKLF antibody and an CKLF-HRP conjugate. The assay sample and buffer are incubated together with CKLF-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 CKLF concentration since CKLF from samples and CKLF-HRP conjugate compete for the anti-CKLF antibody binding site. Since the number of sites is limited, as more sites are occupied by CKLF from the sample, fewer sites are left to bind CKLF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CKLF concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CKLF elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	20806163
NCBI GeneID	245978
NCBI Accession #	NP_620811.1
NCBI GenBank Nucleotide #	NM_139111.1
Molecular Weight	10,813 Da
NCBI Official Full Name	chemokine-like factor
NCBI Official Synonym Full Names	chemokine-like factor
NCBI Official Symbol	Cklf
NCBI Official Synonym Symbols	Cklf1
NCBI Protein Information	chemokine-like factor; chemokine-like factor 1
UniProt Protein Name	Chemokine-like factor
UniProt Gene Name	Cklf
UniProt Synonym Gene Names	Cklf1
UniProt Entry Name	CKLF_RAT

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.