

Chicken Chemokine Like Factor ELISA Kit | CKLF elisa kit

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CATALOG #
AAA96509

REACTIVITY
Chicken

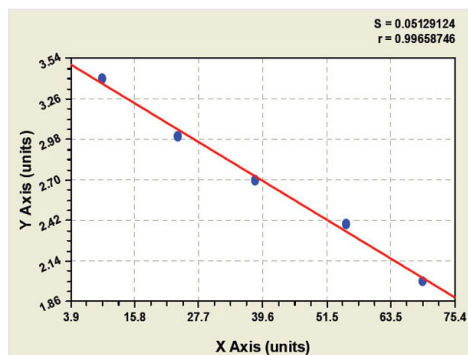
PRODUCT SYNONYMS

Chemokine Like Factor; Chicken Chemokine Like Factor ELISA Kit; CKLF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This CKLF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken CKLF. This ELISA kit for research use only, not for therapeutic applications
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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.

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.