

Human Chemokine Like Factor ELISA Kit | CKLF elisa kit

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CATALOG #
AAA84084

REACTIVITY
Human

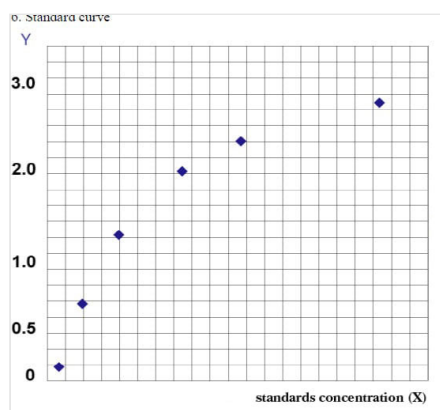
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CKLF elisa kit	Intended Uses: This CKLF ELISA kit is intended Laboratory for research use only.The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of CKLF in the sample, this CKLF ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus CKLF concentration. The concentration of CKLF in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This CKLF enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for CKLF. Standards or samples are then added to the microtiter plate wells and CKLF if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CKLF present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CKLF are added to each well to "sandwich" the CKLF immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period.Only those wells that contain CKLF and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
Product Categories/Family for CKLF elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	93141024
NCBI GeneID	51192
NCBI Accession #	NP_001035228.1
NCBI GenBank Nucleotide #	NM_001040138.2
Molecular Weight	12,888 Da
NCBI Official Full Name	chemokine-like factor isoform e
NCBI Official Synonym Full Names	chemokine-like factor
NCBI Official Symbol	CKLF
NCBI Official Synonym Symbols	C32; CKLF1; CKLF2; CKLF3; CKLF4; UCK-1; HSPC224
NCBI Protein Information	chemokine-like factor; chemokine-like factor 1; chemokine-like factor 2; chemokine-like factor 3; chemokine-like factor 4; transmembrane proteolipid
UniProt Protein Name	Chemokine-like factor
UniProt Gene Name	CKLF
UniProt Synonym Gene Names	CKLF1; HSPC224; UNQ410/PRO772
UniProt Entry Name	CKLF_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.