

Rat Chemokine Like Factor Superfamily 4 ELISA Kit | CKLFSF4 elisa kit

Rat Chemokine Like Factor Superfamily 4 ELISA Kit

CATALOG # AAA82325	REACTIVITY Rat
------------------------------	--------------------------

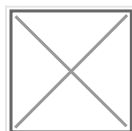
PRODUCT SYNONYMS

Chemokine Like Factor Superfamily 4; Rat Chemokine Like Factor Superfamily 4 ELISA Kit; CKLFSF4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/ml
Intended Uses	This CKLFSF4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CKLFSF4. 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 CKLFSF4 elisa kit	Principle of the Assay: CKLFSF4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CKLFSF4 antibody and an CKLFSF4-HRP conjugate. The assay sample and buffer are incubated together with CKLFSF4-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 CKLFSF4 concentration since CKLFSF4 from samples and CKLFSF4-HRP conjugate compete for the anti-CKLFSF4 antibody binding site. Since the number of sites is limited, as more sites are occupied by CKLFSF4 from the sample, fewer sites are left to bind CKLFSF4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CKLFSF4 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CKLFSF4 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	30520333
NCBI GeneID	146223

NCBI Accession #	NP_848933.1
NCBI GenBank Nucleotide #	NM_178818.2
Molecular Weight	19,690 Da
NCBI Official Full Name	CKLF-like MARVEL transmembrane domain-containing protein 4 isoform 1
NCBI Official Synonym Full Names	CKLF-like MARVEL transmembrane domain containing 4
NCBI Official Symbol	CMTM4
NCBI Official Synonym Symbols	CKLFSF4
NCBI Protein Information	CKLF-like MARVEL transmembrane domain-containing protein 4; chemokine-like factor super family 4; chemokine-like factor superfamily member 4
UniProt Protein Name	CKLF-like MARVEL transmembrane domain-containing protein 4
UniProt Gene Name	CMTM4
UniProt Synonym Gene Names	CKLFSF4
UniProt Entry Name	CKLF4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cklfsf4-rat-elisa-kits/chemokine-like-factor-superfamily-4/82325>