

Rat CKLFSF4 ELISA Kit | cklfsf4 elisa kit

Rat CKLFSF4 (Chemokine Like Factor Superfamily 4) ELISA Kit

CATALOG #
AAA165519

REACTIVITY
Rat

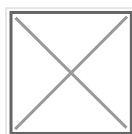
PRODUCT SYNONYMS

CKLFSF4; Rat CKLFSF4 (Chemokine Like Factor Superfamily 4) ELISA Kit; cklfsf4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat cklfsf4. No significant cross-reactivity or interference between Rat cklfsf4 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat cklfsf4 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	208
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	Min: 46.875pg/mL; Max: 5000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for cklfsf4 elisa kit

Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of cklfsf4 in Rat serum, plasma and other biological fluids

Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat cklfsf4. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat cklfsf4 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat cklfsf4, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat cklfsf4. You can calculate the concentration of Rat cklfsf4 in the samples by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31657096
NCBI GeneID	146223
NCBI Accession #	NP_852662.1
NCBI GenBank Nucleotide #	NM_181521.2
UniProt Accession #	Q8IZR5; Q52M40; Q8IZR4; Q8IZV1
Molecular Weight	19,690 Da
NCBI Official Full Name	CKLF-like MARVEL transmembrane domain-containing protein 4 isoform 2
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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/cklfsf4/165519>