Rat chemokine (C-X3-C motif) ligand 1 ELISA Kit | CX3CL1 elisa kit

Rat Fractalkine, FK ELISA Kit

CATALOG #	REACTIVITY
AAA80509	**Rat**

PRODUCT SYNONYMS

chemokine (C-X3-C motif) ligand 1; Rat Fractalkine; FK ELISA Kit; ABCD-3; C3Xkine; CXC3; CXC3C; NTN; NTT; SCYD1; fractalkine; neurotactin; small inducible cytokine subfamily D (Cys-X3-Cys); member 1 (fractalkine; neurotactin) ; small inducible cytokine subfamily D (; CX3CL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat CX3CL1. No significant cross-reactivity or interference between Rat CX3CL1 and analogues was observed.
Sequence Length	393
Assay Type	Sandwich
Detection Range	0.31 ng/ml -20 ng/ml
Sensitivity	0.08ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Cell Adhesion
Protein Biological Process 3	Cell adhesion
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CX3CL1 elisa kit	**Principle of the Assay:** This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FK has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FK present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FK is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FK bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19745170
NCBI GeneID	89808
NCBI Accession #	NP_604450.1
NCBI GenBank Nucleotide #	NM_134455.1
UniProt Accession #	O55145
Molecular Weight	41,977 Da
NCBI Official Full Name	fractalkine
NCBI Official Synonym Full Names	chemokine (C-X3-C motif) ligand 1
NCBI Official Symbol	Cx3cl1
NCBI Official Synonym Symbols	Cx3c; Scyd1
NCBI Protein Information	fractalkine; neurotactin; C-X3-C motif chemokine 1; small-inducible cytokine D1; CX3C membrane-anchored chemokine; small inducible cytokine subfamily D, 1
UniProt Protein Name	Fractalkine
UniProt Gene Name	**Cx3cl1**
UniProt Synonym Gene Names	Acc1; Fkn; Scyd1
UniProt Entry Name	X3CL1_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.

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Online datasheet: https://stage.aaabiotech.com/cx3cl1-rat-elisa-kits/chemokine-c-x3-c-motif-ligand-1/80509