

Rat Chemokine C-X3-C-Motif Ligand 1 (CX3CL1) ELISA Kit | CX3CL1 elisa kit

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CATALOG #
AAA137948

REACTIVITY
Rat

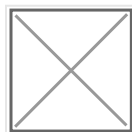
PRODUCT SYNONYMS

Chemokine C-X3-C-Motif Ligand 1 (CX3CL1); Rat Chemokine C-X3-C-Motif Ligand 1 (CX3CL1) ELISA Kit; NTN; ABCD3; C3Xkine; CXC3; CXC3C; NTT; SCYD1; FKN; Neurotactin; Fractalkine; Small Inducible Cytokine Subfamily D(Cys-X3-Cys)Member 1; CX3CL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Chemokine C-X3-C-Motif Ligand 1 (CX3CL1). No significant cross-reactivity or interference between Chemokine C-X3-C-Motif Ligand 1 (CX3CL1) and analogues was observed.
Sequence Length	397
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.062ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Chemokine C-X3-C-Motif Ligand 1 (CX3CL1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Chemokine C-X3-C-Motif Ligand 1 (CX3CL1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CX3CL1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Chemokine C-X3-C-Motif Ligand 1 (CX3CL1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Chemokine C-X3-C-Motif Ligand 1 (CX3CL1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Chemokine C-X3-C-Motif Ligand 1 (CX3CL1), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Chemokine C-X3-C-Motif Ligand 1 (CX3CL1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for CX3CL1 elisa kit	Cytokine; Infection immunity; Rheumatology; Autoimmunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	119603325
NCBI GeneID	6376
UniProt Accession #	P78423; O00672
Molecular Weight	42,203 Da
NCBI Official Full Name	chemokine (C-X3-C motif) ligand 1
NCBI Official Synonym Full Names	chemokine (C-X3-C motif) ligand 1
NCBI Official Symbol	CX3CL1
NCBI Official Synonym Symbols	NTN; NTT; CXC3; CXC3C; SCYD1; ABCD-3; C3Xkine; fractalkine; neurotactin
NCBI Protein Information	fractalkine
UniProt Protein Name	Fractalkine
UniProt Gene Name	CX3CL1
UniProt Synonym Gene Names	FKN; NTT; SCYD1
UniProt Entry Name	X3CL1_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/chemokine-c-x3-c-motif-ligand-1-cx3cl1/137948>