Rat Chemokine C-X3-C-Motif Ligand 1 (CX3CL1) CLIA Kit | CX3CL1 clia kit

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CATALOG #	REACTIVITY
AAA129937	**Rat**

PRODUCT SYNONYMS

Chemokine C-X3-C-Motif Ligand 1 (CX3CL1); Rat Chemokine C-X3-C-Motif Ligand 1 (CX3CL1) CLIA Kit; NTN; ABCD3; C3Xkine; CXC3; CXC3C; NTT; SCYD1; FKN; Neurotactin; Fractalkine; Small Inducible Cytokine Subfamily D(Cys-X3-Cys)Member 1; CX3CL1 clia 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 and other biological fluids
Detection Range	3.43-2,500pg/mL
Sensitivity	1.43pg/mL
Application	Chemiluminescent immunoassay 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 clia kit	The microplate 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 microplate 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. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Chemokine C-X3-C-Motif Ligand 1 (CX3CL1) level in the sample or standard.;
Product Categories/Family for CX3CL1 clia 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-clia-kits/chemokine-c-x3-c-motif-ligand-1-cx3cl1/129937