Rat CX3CL1 ELISA Kit | CX3CL1 elisa kit

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

CATALOG #	REACTIVITY
AAA163525	**Rat**

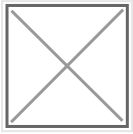
PRODUCT SYNONYMS

CX3CL1; Rat CX3CL1 (Chemokine C-X3-C-Motif Ligand 1) ELISA Kit; 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. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat CX3CL1 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	397
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CX3CL1 elisa kit	**Description:** The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CX3CL1 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 CX3CL1. 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 CX3CL1 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 CX3CL1, 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 CX3CL1. You can calculate the concentration of Rat CX3CL1 in the samples by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48146969
NCBI GeneID	6376
UniProt Accession #	Q6I9S9; P78423
Molecular Weight	42,187 Da
NCBI Official Full Name	CX3CL1
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; C-X3-C motif chemokine 1; CX3C membrane-anchored chemokine; small inducible cytokine subfamily D (Cys-X3-Cys), member 1 (fractalkine, neurotactin); small inducible cytokine subfamily D (Cys-X3-Cys), member-1; small-inducible cytokine D1
UniProt Protein Name	CX3CL1 protein
UniProt Gene Name	**CX3CL1**
UniProt Entry Name	Q6I9S9_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/cx3cl1/163525