

Monkey Cx3CL1/Fractalkine ELISA Kit | Cx3CL1 elisa kit

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CATALOG #
AAA16851

REACTIVITY
Monkey

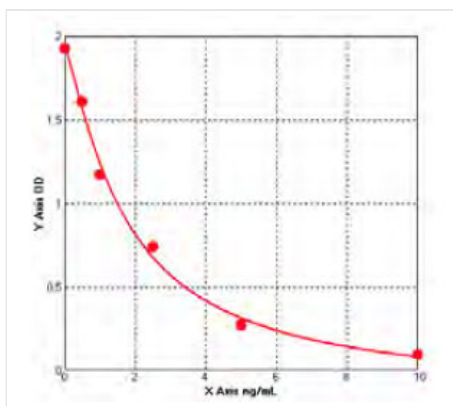
PRODUCT SYNONYMS

Cx3CL1/Fractalkine; Monkey Cx3CL1/Fractalkine ELISA Kit; Cx3CL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of CX3CL1. No significant cross-reactivity or interference between CX3CL1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CX3CL1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cx3CL1 elisa kit	Intended Uses: This CX3CL1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of MonkeyCX3CL1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CX3CL1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CX3CL1 antibody and an CX3CL1-HRP conjugate. The assay sample and buffer are incubated together with CX3CL1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CX3CL1 concentration since CX3CL1 from samples and CX3CL1-HRP conjugate compete for the anti-CX3CL1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CX3CL1 from the sample, fewer sites are left to bind CX3CL1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CX3CL1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for Cx3CL1 elisa kit	Immunology

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; small-inducible cytokine D1; CX3C membrane-anchored chemokine; small inducible cytokine subfamily D (Cys-X3-Cys), member-1; small inducible cytokine subfamily D (Cys-X3-Cys), member 1 (fractalkine, neurotactin)
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.