

Goat Cx3CL1/Fractalkine ELISA Kit | Cx3CL1 elisa kit

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CATALOG #
AAA90313

REACTIVITY
Goat

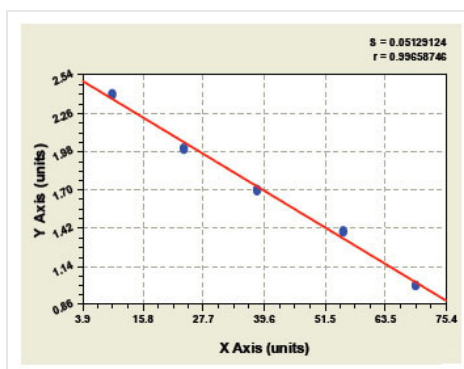
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This CFD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat CFD. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cx3CL1 elisa kit

Principle of the Assay: CFD ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CFD antibody and an CFD-HRP conjugate. The assay sample and buffer are incubated together with CFD-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 CFD concentration since CFD from samples and CFD-HRP conjugate compete for the anti-CFD antibody binding site. Since the number of sites is limited, as more sites are occupied by CFD from the sample, fewer sites are left to bind CFD-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CFD 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.

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Online datasheet: <https://stage.aaabiotech.com/goat-elisa-kits/cx3cl1-fractalkine/90313>