Mouse Chemokine C-X3-C-Motif Receptor 1 ELISA Kit | CX3CR1 elisa kit

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CATALOG #	REACTIVITY
AAA87612	**Mouse**

PRODUCT SYNONYMS

Chemokine C-X3-C-Motif Receptor 1; Mouse Chemokine C-X3-C-Motif Receptor 1 ELISA Kit; CX3CR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CX3CR1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CX3CR1. 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 CX3CR1 elisa kit	**Principle of the Assay:** CX3CR1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CX3CR1 antibody and an CX3CR1-HRP conjugate. The assay sample and buffer are incubated together with CX3CR1-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 CX3CR1 concentration since CX3CR1 from samples and CX3CR1-HRP conjugate compete for the anti-CX3CR1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CX3CR1 from the sample, fewer sites are left to bind CX3CR1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CX3CR1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CX3CR1 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	1351394
NCBI GeneID	1524

Molecular Weight	43,969 Da
NCBI Official Full Name	CX3C chemokine receptor 1
NCBI Official Synonym Full Names	chemokine (C-X3-C motif) receptor 1
NCBI Official Symbol	CX3CR1
NCBI Official Synonym Symbols	V28; CCRL1; GPR13; CMKDR1; GPRV28; CMKBRL1
NCBI Protein Information	CX3C chemokine receptor 1; CMK-BRL1; CMK-BRL-1; C-X3-C CKR-1; fractalkine receptor; G protein-coupled receptor 13; G-protein coupled receptor 13; chemokine (C-X3-C) receptor 1; beta chemokine receptor-like 1; chemokine (C-C) receptor-like 1
UniProt Protein Name	CX3C chemokine receptor 1
UniProt Gene Name	**CX3CR1**
UniProt Synonym Gene Names	CMKBRL1; GPR13; C-X3-C CKR-1; CX3CR1; CMK-BRL1
UniProt Entry Name	CX3C1_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/cx3cr1-mouse-elisa-kits/chemokine-c-x3-c-motif-receptor-1/87612