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

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CATALOG #	REACTIVITY
AAA136858	**Mouse**

PRODUCT SYNONYMS

Chemokine C-X3-C-Motif Receptor 1 (CX3CR1); Mouse Chemokine C-X3-C-Motif Receptor 1 (CX3CR1) ELISA Kit; CCRL1; CMKBRL1; CMKDR1; GPR13; GPRV28; V28; Beta chemokine receptor-like 1; Fractalkine receptor; G-protein coupled receptor 13; CX3CR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Chemokine C-X3-C-Motif Receptor 1 (CX3CR1). No significant cross-reactivity or interference between Chemokine C-X3-C-Motif Receptor 1 (CX3CR1) and analogues was observed.
Sequence Length	355
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates And Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Chemokine C-X3-C-Motif Receptor 1 (CX3CR1) 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 Receptor 1 (CX3CR1) 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 CX3CR1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Chemokine C-X3-C-Motif Receptor 1 (CX3CR1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Chemokine C-X3-C-Motif Receptor 1 (CX3CR1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Chemokine C-X3-C-Motif Receptor 1 (CX3CR1), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Chemokine C-X3-C-Motif Receptor 1 (CX3CR1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for CX3CR1 elisa kit	CD & Adhesion molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	20380137
NCBI GeneID	1524
UniProt Accession #	P49238; A0N0N6; B2R5Z4; J3KP17
Molecular Weight	43,969 Da
NCBI Official Full Name	Chemokine (C-X3-C motif) 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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/mouse-elisa-kits/chemokine-c-x3-c-motif-receptor-1-cx3cr1/136858