

Human chemokine (C-X3-C motif) receptor 1 ELISA Kit | CX3CR1 elisa kit

Human CX3C-chemokine receptor 1, CX3CR1 ELISA Kit

CATALOG #
AAA80254

REACTIVITY
Human

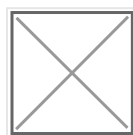
PRODUCT SYNONYMS

chemokine (C-X3-C motif) receptor 1; Human CX3C-chemokine receptor 1; CX3CR1 ELISA Kit; CCRL1; CMKBRL1; CMKDR1; GPR13; GPRV28; V28; G protein-coupled receptor 13; chemokine (C-C) receptor-like 1; chemokine (C-X3-C) receptor 1; CX3CR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CX3CR1. No significant cross-reactivity or interference between Human CX3CR1 and analogues was observed.
Sequence Length	355
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	7.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Immunity
Protein Biological Process 3	Host-virus interaction
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CX3CR1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CX3CR1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CX3CR1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CX3CR1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CX3CR1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	283837924
NCBI GeneID	1524
NCBI Accession #	NP_001164642.1
NCBI GenBank Nucleotide #	NM_001171171.1
UniProt Accession #	P49238; A0N0N6; B2R5Z4; J3KP17
Molecular Weight	40,396 Da
NCBI Official Full Name	CX3C chemokine receptor 1 isoform b
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-human-elisa-kits/chemokine-c-x3-c-motif-receptor-1/80254>