

Human C-X-C chemokine receptor type 1 ELISA Kit | CXCR1 elisa kit

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CATALOG #
AAA101535

REACTIVITY
Human

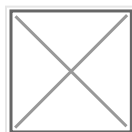
PRODUCT SYNONYMS

C-X-C chemokine receptor type 1; Human C-X-C chemokine receptor type 1 ELISA Kit; CXCR1/IL8RA/CXC-R1/CXCR-1/CD128/CD181/IL-8R A/IL8R1/CKR-1/CMKAR1/CD181 antigen/C-C-CKR-1/IL8RBA/CDw128aC-C/chemokine (C-X-C motif) receptor 1/C-X-C chemokine receptor type 1/High affinity interleukin-8 receptor A/IL-8 receptor type 1/interleukin-8 receptor type 1/interleukin-8 receptor type A; CXCR1 elisa kit

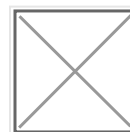
PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	350
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCR1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human CXCR1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CXCR1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human CXCR1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CXCR1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504681
NCBI GeneID	3577
NCBI Accession #	NP_000625.1
NCBI GenBank Nucleotide #	NM_000634.2

Molecular Weight	39,791 Da
NCBI Official Full Name	C-X-C chemokine receptor type 1
NCBI Official Synonym Full Names	chemokine (C-X-C motif) receptor 1
NCBI Official Symbol	CXCR1
NCBI Official Synonym Symbols	C-C; CD128; CD181; CKR-1; IL8R1; IL8RA; CMKAR1; IL8RBA; CDw128a; C-C-CKR-1
NCBI Protein Information	C-X-C chemokine receptor type 1
UniProt Protein Name	C-X-C chemokine receptor type 1
UniProt Gene Name	CXCR1
UniProt Synonym Gene Names	CMKAR1; IL8RA; CXC-R1; CXCR-1; IL-8R A
UniProt Entry Name	CXCR1_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/cxcr1-human-elisa-kits/c-x-c-chemokine-receptor-type-1/101535>