

Human CXCR2 ELISA Kit | CXCR2 elisa kit

Human CXCR2(CXC-Chemokine Receptor 2) ELISA Kit

CATALOG #
AAA21964

REACTIVITY
Human

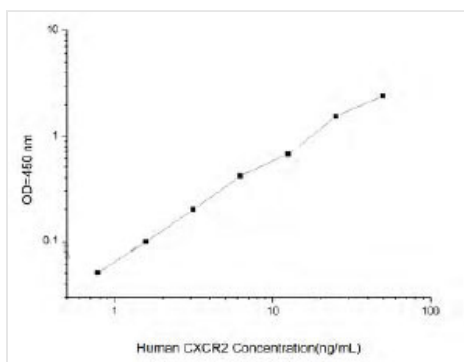
PRODUCT SYNONYMS

CXCR2; Human CXCR2(CXC-Chemokine Receptor 2) ELISA Kit; CXCR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human CXCR2 in samples. No significant cross-reactivity or interference between Human CXCR2 and analogues was observed.
Sequence Length	360
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.78-50ng/mL
Sensitivity	0.47ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human CXCR2 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human CXCR2 were tested on 3 different plates, 20 replicates in each p
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCR2 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human CXCR2. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human CXCR2 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human CXCR2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human CXCR2. You can calculate the concentration of Human CXCR2 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human CXCR2 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	269973859
NCBI GeneID	3579
NCBI Accession #	NP_001161770.1
NCBI GenBank Nucleotide #	NM_001168298.1
Molecular Weight	40,759 Da
NCBI Official Full Name	C-X-C chemokine receptor type 2
NCBI Official Synonym Full Names	chemokine (C-X-C motif) receptor 2
NCBI Official Symbol	CXCR2
NCBI Official Synonym Symbols	CD182; IL8R2; IL8RA; IL8RB; CMKAR2; CDw128b
NCBI Protein Information	C-X-C chemokine receptor type 2; CXC-R2; CXCR-2; CXCR2 gene for IL8 receptor type B; GRO/MGSA receptor; IL-8 receptor type 2; IL-8R B; chemokine (CXC) receptor 2; high affinity interleukin-8 receptor B; interleukin 8 receptor B; interleukin 8 receptor type 2; interleukin 8 receptor, beta; interleukin-8 receptor type B
UniProt Protein Name	C-X-C chemokine receptor type 2
UniProt Gene Name	CXCR2
UniProt Synonym Gene Names	IL8RB; CXC-R2; CXCR-2; IL-8R B
UniProt Entry Name	CXCR2_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.