

Human CXCR2 (C-X-C chemokine receptor type 2) ELISA Kit | CXCR2 elisa kit

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CATALOG #
AAA248171

REACTIVITY
Human

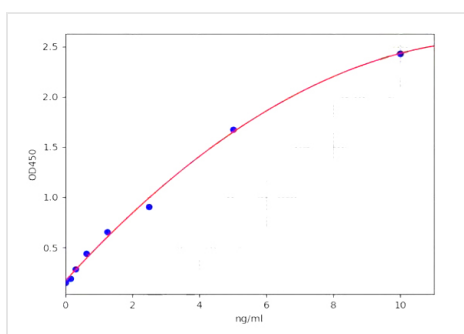
PRODUCT SYNONYMS

CXCR2 (C-X-C chemokine receptor type 2); Human CXCR2 (C-X-C chemokine receptor type 2) ELISA Kit; IL8RB; CXC-R2; CXCR-2; CDw128b; GRO; MGSA receptor; High affinity interleukin-8 receptor B; IL-8R B; IL-8 receptor type 2; CD182;; CXCR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CXCR2. No significant cross-reactivity or interference between CXCR2 and analogues was observed.
Sequence Length	360
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for CXCR2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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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
UniProt Accession #	P25025; Q8IUZ1; Q9P2T6; Q9P2T7; AAB24742; AAA15417
Molecular Weight	40,759 Da
NCBI Official Full Name	C-X-C chemokine receptor type 2
NCBI Official Synonym Full Names	C-X-C motif chemokine 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
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

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.