

Human C-X-C chemokine receptor type 3 ELISA Kit | CXCR3 elisa kit

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CATALOG #
AAA101708

REACTIVITY
Human

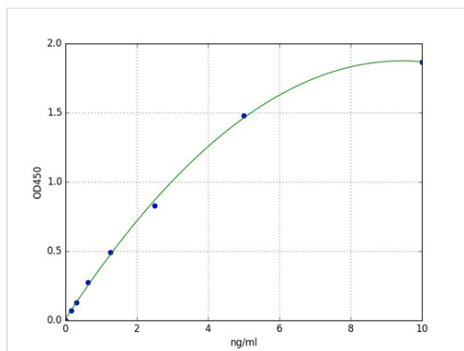
PRODUCT SYNONYMS

C-X-C chemokine receptor type 3; Human C-X-C chemokine receptor type 3 ELISA Kit; CXCR3/CD183/GPR9/CD183 antigen/chemokine (C-X-C motif) receptor 3/chemokine (C-X-C) receptor 3/CKR-L2IP-10 receptor/CMKAR3/C-X-C chemokine receptor type 3/CXC-R3/CXCR-3/G protein-coupled receptor 9/CD182/Mig-R/Interferon-inducible protein 10 receptor/IP10 receptor/IP10-R/Mig receptor/MigR; CXCR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	415
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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)

Typical Data & Standard Curve

Results of a typical standard run of a Human CXCR3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.068	0.131	0.163	0.362	0.451	0.814	1.476	2.033

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCR3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human CXCR3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CXCR3 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. HRPStreptavidin 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 CXCR3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CXCR3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	218563730
NCBI GeneID	2833
NCBI Accession #	NP_001136269.1
NCBI GenBank Nucleotide #	NM_001142797.1
Molecular Weight	28,715 Da
NCBI Official Full Name	C-X-C chemokine receptor type 3 isoform 2
NCBI Official Synonym Full Names	chemokine (C-X-C motif) receptor 3
NCBI Official Symbol	CXCR3
NCBI Official Synonym Symbols	GPR9; MigR; CD182; CD183; Mig-R; CKR-L2; CMKAR3; IP10-R
NCBI Protein Information	C-X-C chemokine receptor type 3
UniProt Protein Name	C-X-C chemokine receptor type 3
UniProt Gene Name	CXCR3
UniProt Synonym Gene Names	GPR9; CXC-R3; CXCR-3; IP-10 receptor
UniProt Entry Name	CXCR3_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/cxcr3-human-elisa-kits/c-x-c-chemokine-receptor-type-3/101708>