Human CXC chemokine receptor 3 ELISA Kit | CXCR3 elisa kit

Human CXC chemokine receptor 3 ELISA Kit

CATALOG #	REACTIVITY
AAA84336	**Human**

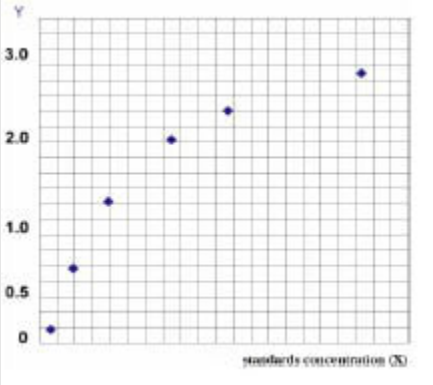
PRODUCT SYNONYMS

CXC chemokine receptor 3; Human CXC chemokine receptor 3 ELISA Kit; CXCR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCR3 elisa kit	**Intended Uses:** This CXCR3 ELISA kit is intended Laboratory for research use only.The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration ofCXCR3 in the sample, thisCXCR3 ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versusCXCR3 concentration. The concentration ofCXCR3 in the samples is then determined by comparing the O.D. of the samples to the standard curve. **Principle of the Assay:** This CXCR3 enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific forCXCR3. Standards or samples are then added to the microtiter plate wells andCXCR3 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount ofCXCR3 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific forCXCR3 are added to each well to "sandwich" theCXCR3 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period.Only those wells that containCXCR3 and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
Product Categories/Family for CXCR3 elisa kit	Immunology

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; CXC-R3; CXCR-3; Mig receptor; IP10 receptor; IP-10 receptor; G protein-coupled receptor 9; chemokine (C-X-C) receptor 3; interferon-inducible protein 10 receptor
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/cxc-chemokine-receptor-3/84336