

Rat CXCR3 ELISA Kit | CXCR3 elisa kit

Rat CXCR3 (CXC-Chemokine Receptor 3) ELISA Kit

CATALOG #
AAA165421

REACTIVITY
Rat

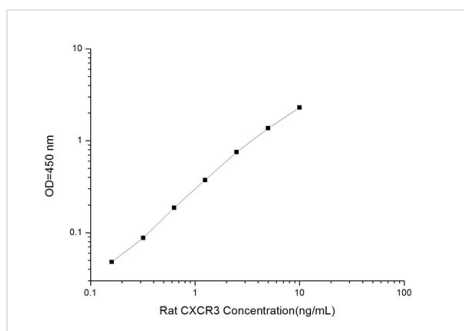
PRODUCT SYNONYMS

CXCR3; Rat CXCR3 (CXC-Chemokine Receptor 3) ELISA Kit; CXCR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat CXCR3. No significant cross-reactivity or interference between Rat CXCR3 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat CXCR3 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	415
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCR3 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CXCR3 in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat CXCR3. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat CXCR3 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat CXCR3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid 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 Rat CXCR3. You can calculate the concentration of Rat CXCR3 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	218563730
NCBI GeneID	2833
NCBI Accession #	NP_001136269.1
NCBI GenBank Nucleotide #	NM_001142797.1
UniProt Accession #	P49682; O15185; Q7Z710; Q9P2T4; Q9P2T5; B2R982
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; G protein-coupled receptor 9; IP-10 receptor; IP10 receptor; Mig receptor; 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.