

Human Chemokine C-X-C-Motif Receptor 5 (CXCR5) ELISA Kit | CXCR5 elisa kit

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CATALOG #
AAA13889

REACTIVITY
Human

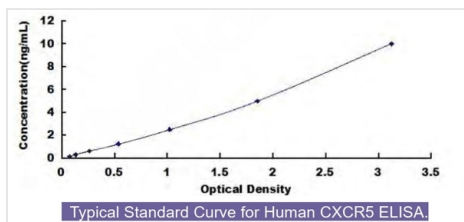
PRODUCT SYNONYMS

Chemokine C-X-C-Motif Receptor 5 (CXCR5); Human Chemokine C-X-C-Motif Receptor 5 (CXCR5) ELISA Kit; CD185; BLR1; MDR15; Burkitt Lymphoma Receptor 1; Monocyte-derived receptor 15; CXCR5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CXCR5. No significant cross-reactivity or interference between CXCR5 and analogues was observed.
Sequence Length	372
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CXCR5 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CXCR5 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCR5 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CXCR5. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CXCR5. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CXCR5, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of CXCR5 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CXCR5 in human tissue homogenates, cell lysates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502415
NCBI GeneID	643
NCBI Accession #	NP_001707.1
NCBI GenBank Nucleotide #	NM_001716.4
UniProt Accession #	P32302; Q14811
Molecular Weight	36,676 Da
NCBI Official Full Name	C-X-C chemokine receptor type 5 isoform 1
NCBI Official Synonym Full Names	C-X-C motif chemokine receptor 5
NCBI Official Symbol	CXCR5
NCBI Official Synonym Symbols	BLR1; CD185; MDR15
NCBI Protein Information	C-X-C chemokine receptor type 5
UniProt Protein Name	C-X-C chemokine receptor type 5
UniProt Gene Name	CXCR5
UniProt Synonym Gene Names	BLR1; MDR15; CXC-R5; CXCR-5; MDR-15

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/human-elisa-kits/chemokine-c-x-c-motif-receptor-5-cxcr5/13889>