

Human CXC-chemokine receptor 4, CXCR4 ELISA Kit | CXCR4 elisa kit

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CATALOG #
AAA43160

REACTIVITY
Human

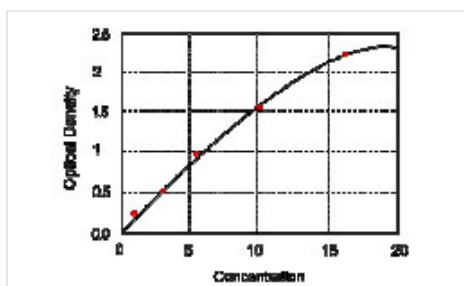
PRODUCT SYNONYMS

CXC-chemokine receptor 4; CXCR4; Human CXC-chemokine receptor 4; CXCR4 ELISA Kit; CXCR4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	360
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L-3500ng/L
Sensitivity	10.26ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCR4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human CXC-chemokine Receptor 3 (also known as CXCR3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CXCR3 antibody. CXCR3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CXCR3 Antibody is added and binds to CXCR3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CXCR3 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human CXCR3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3059120
NCBI GeneID	7852
UniProt Accession #	P61073; O60835; P30991; P56438; Q53S69; Q9BXA0; Q9UKN2; B2R5N0
Molecular Weight	40,221 Da
NCBI Official Full Name	CXCR4
NCBI Official Synonym Full Names	C-X-C motif chemokine receptor 4
NCBI Official Symbol	CXCR4
NCBI Official Synonym Symbols	FB22; HM89; LAP3; LCR1; NPYR; WHIM; CD184; LAP-3; LESTR; NPY3R; NPYRL; WHIMS; HSY3RR; NPY3R; D2S201E
NCBI Protein Information	C-X-C chemokine receptor type 4
UniProt Protein Name	C-X-C chemokine receptor type 4
UniProt Gene Name	CXCR4
UniProt Synonym Gene Names	CXC-R4; CXCR-4; LESTR; LAP-3; LPS-associated protein 3; SDF-1 receptor

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/cxc-chemokine-receptor-4-cxcr4/43160>