

Human CCR4 ELISA Kit | CXCR4 elisa kit

Human CCR4(Chemokine C-X-C-Motif Receptor)ELISA Kit

CATALOG #
AAA165976

REACTIVITY
Human

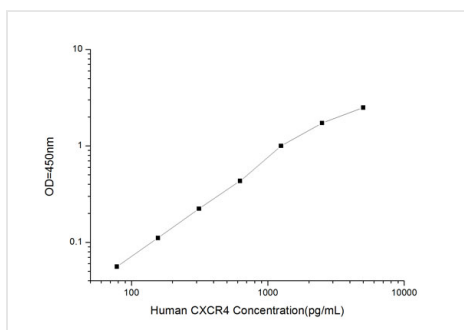
PRODUCT SYNONYMS

CCR4; Human CCR4(Chemokine C-X-C-Motif Receptor)ELISA Kit; CXCR4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human CXCR4 in samples. No significant cross-reactivity or interference between Human CXCR4 and analogues was observed.
Sequence Length	360
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.13-5000pg/mL
Sensitivity	46.88pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human CXCR4 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human CXCR4 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCR4 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human CXCR4 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human CXCR4. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human CXCR4 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human CXCR4, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop 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 Human CXCR4. You can calculate the concentration of Human CXCR4 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1705894
NCBI GeneID	1233
Molecular Weight	41,403 Da
NCBI Official Full Name	C-C chemokine receptor type 4
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 4
NCBI Official Symbol	CCR4
NCBI Official Synonym Symbols	CKR4; K5-5; CD194; CMKBR4; ChemR13; CC-CKR-4; HGCN:14099
NCBI Protein Information	C-C chemokine receptor type 4; C-C CKR-4; CCR-4; chemokine (C-C) receptor 4
UniProt Protein Name	C-C chemokine receptor type 4
UniProt Gene Name	CCR4
UniProt Synonym Gene Names	CMKBR4; C-C CKR-4; CC-CKR-4; CCR-4; CCR4
UniProt Entry Name	CCR4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/cxcr4-human-elisa-kits/ccr4/165976>