

Human C C chemokine receptor type 10 (CCR10) ELISA Kit | CCR10 elisa kit

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CATALOG #
AAA244371

REACTIVITY
Human

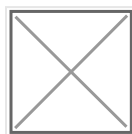
PRODUCT SYNONYMS

C C chemokine receptor type 10 (CCR10); Human C C chemokine receptor type 10 (CCR10) ELISA Kit; CCR10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCR10 elisa kit

Intended Uses: This CCR10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CCR10. This ELISA kit for research use only!

Principle of the Assay: CCR10 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CCR10 antibody and an CCR10-HRP conjugate. The assay sample and buffer are incubated together with CCR10-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CCR10 concentration since CCR10 from samples and CCR10-HRP conjugate compete for the anti-CCR10 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCR10 from the sample, fewer sites are left to bind CCR10-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCR10 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CCR10 elisa kit

[Immunology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	156104886
NCBI GeneID	2826

NCBI Accession #	NP_057686.2
NCBI GenBank Nucleotide #	NM_016602.2
Molecular Weight	38,416 Da
NCBI Official Full Name	C-C chemokine receptor type 10
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 10
NCBI Official Symbol	CCR10
NCBI Official Synonym Symbols	GPR2
NCBI Protein Information	C-C chemokine receptor type 10; CCR-10; CC-CKR-10; C-C CKR-10; CC chemokine receptor 10; G protein-coupled receptor 2; G-protein coupled receptor 2
UniProt Protein Name	C-C chemokine receptor type 10
UniProt Gene Name	CCR10
UniProt Synonym Gene Names	GPR2; C-C CKR-10; CC-CKR-10; CCR-10
UniProt Entry Name	CCR10_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/human-elisa-kits/c-c-chemokine-receptor-type-10-ccr10/244371>