

Rat C-C chemokine receptor type 3 (CCR3) ELISA Kit | CCR3 elisa kit

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CATALOG #
AAA244265

REACTIVITY
Rat

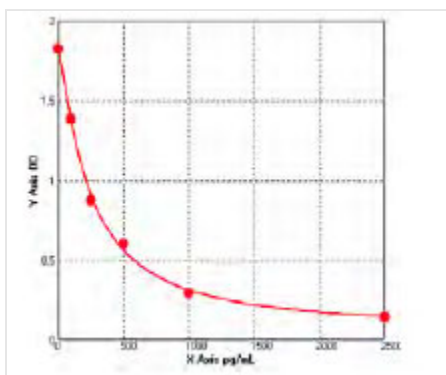
PRODUCT SYNONYMS

C-C chemokine receptor type 3 (CCR3); Rat C-C chemokine receptor type 3 (CCR3) ELISA Kit; CCR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCR3 elisa kit

Intended Uses: This CCR2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit CCR2. This ELISA kit for research use only!

Principle of the Assay: CCR2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CCR2 antibody and an CCR2-HRP conjugate. The assay sample and buffer are incubated together with CCR2-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 CCR2 concentration since CCR2 from samples and CCR2-HRP conjugate compete for the anti-CCR2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCR2 from the sample, fewer sites are left to bind CCR2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCR2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	257743048
NCBI GeneID	1232
NCBI Accession #	NP_001158152.1
NCBI GenBank Nucleotide #	NM_001164680.1
Molecular Weight	43,453 Da
NCBI Official Full Name	C-C chemokine receptor type 3 isoform 3
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 3
NCBI Official Symbol	CCR3
NCBI Official Synonym Symbols	CKR3; CD193; CMKBR3; CC-CKR-3
NCBI Protein Information	C-C chemokine receptor type 3; CCR-3; C-C CKR-3; b-chemokine receptor; CC chemokine receptor 3; eosinophil eotaxin receptor; eosinophil CC chemokine receptor 3
UniProt Protein Name	C-C chemokine receptor type 3
UniProt Gene Name	CCR3
UniProt Synonym Gene Names	CMKBR3; C-C CKR-3; CC-CKR-3; CCR-3; CCR3; CKR3
UniProt Entry Name	CCR3_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.