

Rat CCR8 ELISA Kit | CCR8 elisa kit

Rat CCR8 (Chemokine C-C-Motif Receptor 8) ELISA Kit

CATALOG #
AAA163514

REACTIVITY
Rat

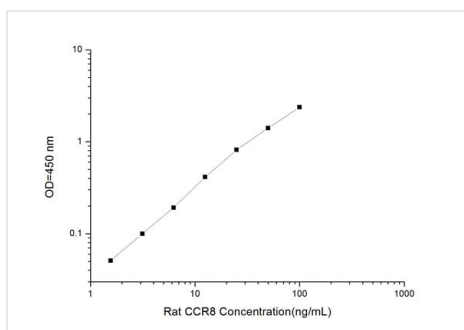
PRODUCT SYNONYMS

CCR8; Rat CCR8 (Chemokine C-C-Motif Receptor 8) ELISA Kit; CCR8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes Rat CCR8 in samples. No significant cross-reactivity or interference between Rat CCR8 and analogues was observed.
Sequence Length	355
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.94ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Rat CCR8 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 Rat CCR8 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 CCR8 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat CCR8 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 Rat CCR8. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat CCR8 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 Rat CCR8, 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 Rat CCR8. You can calculate the concentration of Rat CCR8 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885121
NCBI GeneID	1237
NCBI Accession #	NP_005192.1
NCBI GenBank Nucleotide #	NM_005201.3
UniProt Accession #	P51685; Q3KNQ8; Q3KNR3; Q9BYX5; B2RC64
Molecular Weight	31,622 Da
NCBI Official Full Name	C-C chemokine receptor type 8
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 8
NCBI Official Symbol	CCR8
NCBI Official Synonym Symbols	CY6; TER1; CCR-8; CKRL1; CDw198; CMKBR8; GPRCY6; CMKBRL2; CC-CKR-8
NCBI Protein Information	C-C chemokine receptor type 8; CC chemokine receptor 8; CC chemokine receptor CHEMR1; CC-chemokine receptor chemr1; chemokine (C-C) receptor 8; chemokine (C-C) receptor-like 2; chemokine receptor-like 1
UniProt Protein Name	C-C chemokine receptor type 8
UniProt Gene Name	CCR8
UniProt Synonym Gene Names	CKRL1; CMKBR8; CMKBRL2; C-C CKR-8; CC-CKR-8; CCR-8; CKR-L1; GPRCY6
UniProt Entry Name	CCR8_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.