

Mouse chemokine (C-C motif) receptor 2 ELISA Kit | CCR2 elisa kit

Mouse C-C chemokine receptor type 2, CCR2 ELISA Kit

CATALOG #
AAA18390

REACTIVITY
Mouse

PRODUCT SYNONYMS

chemokine (C-C motif) receptor 2; Mouse C-C chemokine receptor type 2; CCR2 ELISA Kit; Mouse C-C chemokine receptor type 2 (CCR2) ELISA kit; CC-CKR-2; CCR2A; CCR2B; CD192; CKR2; CKR2A; CKR2B; CMKBR2; MCP-1-R; MCP-1 receptor; chemokine (C-C) receptor 2; monocyte chemoattractant protein 1 receptor; monocyte chemotactic protein 1 receptor; CCR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse CCR2. No significant cross-reactivity or interference between mouse CCR2 and analogues was observed.
Sequence Length	373
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCR2 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CCR2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CCR2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CCR2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CCR2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753466
NCBI GeneID	12772
NCBI Accession #	NP_034045.1
NCBI GenBank Nucleotide #	NM_009915.2
UniProt Accession #	P51683; Q61172
Molecular Weight	42,783 Da
NCBI Official Full Name	C-C chemokine receptor type 2
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 2
NCBI Official Symbol	Ccr2
NCBI Official Synonym Symbols	Ckr2; Ccr2a; Ccr2b; Ckr2a; Ckr2b; mJe-r; Cmkbr2; Cc-ckr-2
NCBI Protein Information	C-C chemokine receptor type 2; CCR-2; C-C CKR-2; MIP-1 alphaR; MCP-1 receptor; JE/FIC receptor; chemokine (C-C) receptor 2; chemoattractant protein-1 receptor; C-C CHEMOKINE RECEPTOR TYPE 2 (C-C CKR-2) (CC-CKR-2) (CCR-2) (CCR2) (JE/FIC RECEPTOR) (MCP-1 RECEPTOR)
UniProt Protein Name	C-C chemokine receptor type 2
UniProt Gene Name	Ccr2
UniProt Synonym Gene Names	Cmkbr2; C-C CKR-2; CC-CKR-2; CCR-2; CCR2
UniProt Entry Name	CCR2_MOUSE

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/ccr2-mouse-elisa-kits/chemokine-c-c-motif-receptor-2/18390>