

Rat chemokine (C-C motif) ligand 4 ELISA Kit | CCL4 elisa kit

Rat macrophage inflammatory protein 1beta, MIP-1beta ELISA Kit

CATALOG #
AAA80342

REACTIVITY
Rat

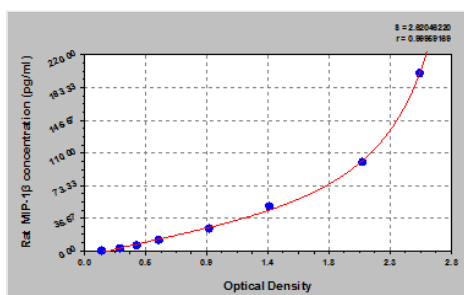
PRODUCT SYNONYMS

chemokine (C-C motif) ligand 4; Rat macrophage inflammatory protein 1beta; MIP-1beta ELISA Kit; MIP-1beta ELISA kit; ACT2; AT744.1; G-26; LAG1; MGC104418; MGC126025; MGC126026; MIP-1-beta; MIP1B; MIP1B1; SCYA2; SCYA4; CC chemokine ligand 4; chemokine C-C motif ligand 4; lymphocyte-activation gene 1; secreted protein; CCL4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat CCL4. No significant cross-reactivity or interference between Rat CCL4 and analogues was observed.
Sequence Length	92
Samples	Serum, plasma, tissue homogenates
Detection Range	3.12 pg/ml-200 pg/ml
Sensitivity	0.78 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Immunity
Protein Biological Process 2	chemokine
Protein Biological Process 3	Chemotaxis
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 CCL4 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MIP-1beta. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for MIP-1beta and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain MIP-1beta, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of MIP-1beta in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126723056
NCBI GeneID	100008984
NCBI Accession #	NP_001075665.1
NCBI GenBank Nucleotide #	NM_001082196.1
UniProt Accession #	P46632
Molecular Weight	10,066 Da
NCBI Official Full Name	C-C motif chemokine 4
NCBI Official Symbol	CCL4
NCBI Official Synonym Symbols	ACT2
NCBI Protein Information	C-C motif chemokine 4; ACT-2; MIP-1-beta; immune activation gene 2; immune activation protein 2; small-inducible cytokine A4; macrophage inflammatory protein 1-beta
UniProt Protein Name	C-C motif chemokine 4
UniProt Gene Name	CCL4
UniProt Synonym Gene Names	SCYA4; ACT-2; MIP-1-beta
UniProt Entry Name	CCL4_RABIT

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.