

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

Mouse Macrophage Inflammatory Protein 1beta, MIP-1beta ELISA Kit

CATALOG #
AAA80530

REACTIVITY
Mouse

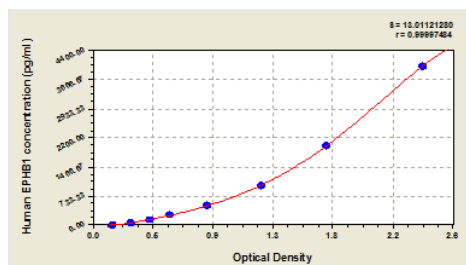
PRODUCT SYNONYMS

chemokine (C-C motif) ligand 4; Mouse 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	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse CCL4. No significant cross-reactivity or interference between Mouse CCL4 and analogues was observed.
Sequence Length	92
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	12.5 pg/ml-800 pg/ml
Sensitivity	3.12 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: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MIP-1beta has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MIP-1beta present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MIP-1beta 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 MIP-1beta bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7305459
NCBI GeneID	20303
NCBI Accession #	NP_038680.1
NCBI GenBank Nucleotide #	NM_013652.2
UniProt Accession #	P14097
Molecular Weight	10,168 Da
NCBI Official Full Name	C-C motif chemokine 4
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 4
NCBI Official Symbol	Ccl4
NCBI Official Synonym Symbols	Act-2; Mip1b; Scya4; MIP-1B; AT744.1
NCBI Protein Information	C-C motif chemokine 4; ACT2; SIS-gamma; MIP-1 beta; MIP-1-beta; immune activation protein 2; small inducible cytokine A4; 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	Mip1b; Scya4; ACT-2; ACT2; MIP-1-beta
UniProt Entry Name	CCL4_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/ccl4-mouse-elisa-kits/chemokine-c-c-motif-ligand-4/80530>