

Mouse chemokine (C-C motif) ligand 20 ELISA Kit | CCL20 elisa kit

Mouse Macrophage Inflammatory Protein 3alpha, MIP-3alpha ELISA Kit

CATALOG #
AAA80483

REACTIVITY
Mouse

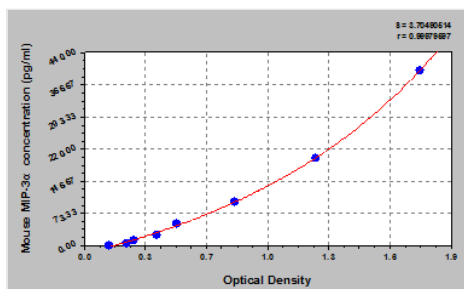
PRODUCT SYNONYMS

chemokine (C-C motif) ligand 20; Mouse Macrophage Inflammatory Protein 3alpha; MIP-3alpha ELISA Kit; MIP-3alpha ELISA kit; CKb4; LARC; MIP-3a; MIP3A; SCYA20; ST38; exodus-1; macrophage inflammatory protein 3 alpha; small inducible cytokine subfamily A (Cys-Cys); member 20; CCL20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse CCL20. No significant cross-reactivity or interference between Mouse CCL20 and analogues was observed.
Sequence Length	96
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	6.25 pg/ml-400 pg/ml
Sensitivity	1.56 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 CCL20 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MIP-3alpha has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MIP-3alpha present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MIP-3alpha 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-3alpha 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 #	229092240
NCBI GeneID	20297
NCBI Accession #	NP_001153210.1
NCBI GenBank Nucleotide #	NM_001159738.1
UniProt Accession #	O89093; Q9Z1X3
Molecular Weight	10,826 Da
NCBI Official Full Name	C-C motif chemokine 20 isoform 2
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 20
NCBI Official Symbol	Ccl20
NCBI Official Synonym Symbols	CKb4; LARC; ST38; MIP3A; MIP-3A; Scya20; MIP-3[a]; exodus-1
NCBI Protein Information	C-C motif chemokine 20; MIP-3-alpha; CC chemokine LARC; CC chemokine ST38; beta chemokine exodus-1; beta-chemokine exodus-1; small-inducible cytokine A20; small inducible cytokine subfamily A20; macrophage inflammatory protein 3 alpha; liver and activation-regulated chemokine
UniProt Protein Name	C-C motif chemokine 20
UniProt Gene Name	Ccl20
UniProt Synonym Gene Names	Larc; Scya20; MIP-3-alpha
UniProt Entry Name	CCL20_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.