

Mouse CCL6/C10 ELISA Kit | Ccl6 elisa kit

Mouse CCL6/C10 PicoKine ELISA Kit

CATALOG #
AAA45831

REACTIVITY
Mouse

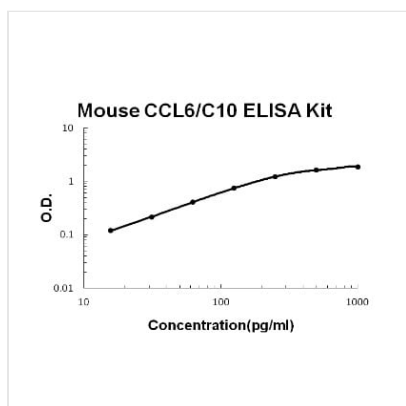
PRODUCT SYNONYMS

CCL6/C10; Mouse CCL6/C10 PicoKine ELISA Kit; C-C motif chemokine 6; chemokine (C-C motif) ligand 6 ; C10; CCL 6; Chemokine C C motif Ligand 6; MRP1; SCYA6; Small Inducible Cytokine A6; Ccl6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse CCL6
Sequence Length	116
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	< 10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse CCL6/C10 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for Ccl6 elisa kit

Principle of the assay: mouse CCL6 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for CCL6 has been precoated onto 96-well plates. Standards(E.coli, G22-A116) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CCL6 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the mouse CCL6 amount of sample captured in plate.

Background: Chemokine (C-C motif) ligand 6 (CCL6) is a small cytokine belonging to the CC chemokine family that has only been identified in rodents. In mice, CCL6 is expressed in cells from neutrophil and macrophage lineages, and can be greatly induced under conditions suitable for myeloid cell differentiation. It is highly expressed in bone marrow cultures that have been stimulated with the cytokine GM-CSF. Some low levels of gene expression also occur in certain cell lines of myeloid origin (e.g. the immature myeloid cell lines DA3 and 32D cl3, and the macrophage cell line P388D) that can also be greatly induced in culture with GM-CSF. However, in activated T cell lines, expression of CCL6 is greatly reduced. CCL6 can also be induced in the mouse lung by the cytokine interleukin 13. Mouse CCL6 is located on chromosome 11. The cell surface receptor for CCL6 is believed to be the chemokine receptor CCR1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	115197
NCBI GeneID	20305
UniProt Accession #	P27784; Q3U3W3; Q5QNW1; Q99M24; Q9D830
Molecular Weight	12,984 Da
NCBI Official Full Name	C-C motif chemokine 6
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 6
NCBI Official Symbol	Ccl6
NCBI Official Synonym Symbols	c10; MRP-1; Scya6
NCBI Protein Information	C-C motif chemokine 6; CC chemokine C10; small inducible cytokine A6; small-inducible cytokine A6
UniProt Protein Name	C-C motif chemokine 6
UniProt Gene Name	Ccl6
UniProt Synonym Gene Names	C10; Scya6
UniProt Entry Name	CCL6_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/mouse-elisa-kits/ccl6-c10/45831>