

Human CCL13/MCP4 ELISA Kit | CCL13 elisa kit

Human CCL13/MCP4 PicoKine ELISA Kit

CATALOG #
AAA45824

REACTIVITY
Human

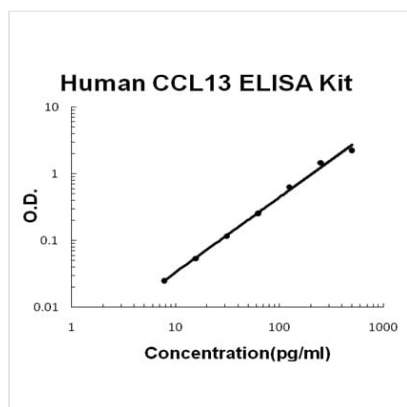
PRODUCT SYNONYMS

CCL13/MCP4; Human CCL13/MCP4 PicoKine ELISA Kit; C-C motif chemokine 13; chemokine (C-C motif) ligand 13; CCL13; CCL13_HUMAN; Chemokine (C C motif) ligand 13; CK beta 10; CK-beta-10; CKb10; Macrophage/monocyte chemotactic protein 4; MCP-4; MGC17134; Monocyte chemoattractant protein 4; Monocyte chemotactic protein 4; NCC 1; NCC-1; NCC1; New CC chemokine 1; SCYA13; SCYL1; short chain; Small inducible cytokine A13; Small inducible cytokine A13 precursor; Small inducible cytokine subfamily A (Cys Cys) member 13; Small-inducible cytokine A13; CCL13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human CCL13
Sequence Length	98
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	7.8pg/ml-500pg/ml
Sensitivity	< 10 pg/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)

Human CCL13/MCP4 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL13 elisa kit	Principle of the assay: human CCL13 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for CCL13 has been precoated onto 96-well plates. Standards(E.coli, Q24-T98) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CCL13 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 human CCL13 amount of sample captured in plate. Background: Chemokine (C-C motif) ligand 13 (CCL13) is a small cytokine belonging to the CC chemokine family. Its gene is located on human chromosome 17 within a large cluster of other CC chemokines. CCL13 induces chemotaxis in monocytes, eosinophils, T lymphocytes, and basophils by binding cell surface G-protein linked chemokine receptors such as CCR2, CCR3 and CCR5. Activity of this chemokine has been implicated in allergic reactions such as asthma. CCL13 can be induced by the inflammatory cytokines interleukin-1 and TNF-alpha.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3024128
NCBI GeneID	6357
UniProt Accession #	Q99616; O95689; Q6ICQ6
Molecular Weight	10,986 Da
NCBI Official Full Name	C-C motif chemokine 13
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 13
NCBI Official Symbol	CCL13
NCBI Official Synonym Symbols	NCC1; CKb10; MCP-4; NCC-1; SCYL1; SCYA13
NCBI Protein Information	C-C motif chemokine 13; CK-beta-10; new CC chemokine 1; small-inducible cytokine A13; monocyte chemotactic protein 4; monocyte chemoattractant protein 4; small inducible cytokine subfamily A (Cys-Cys), member 13
UniProt Protein Name	C-C motif chemokine 13
UniProt Gene Name	CCL13
UniProt Synonym Gene Names	MCP4; NCC1; SCYA13; MCP-4
UniProt Entry Name	CCL13_HUMAN

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/human-elisa-kits/ccl13-mcp4/45824>