

Human CCL16/HCC-4 ELISA Kit | CCL16 elisa kit

Human CCL16/HCC-4 PicoKine ELISA Kit

CATALOG #
AAA45946

REACTIVITY
Human

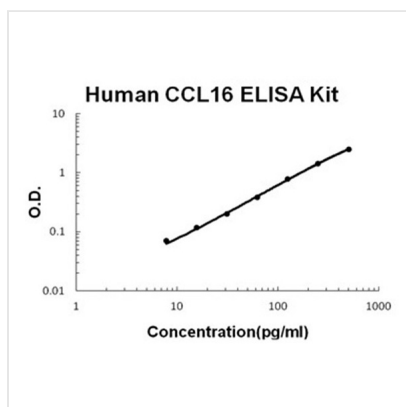
PRODUCT SYNONYMS

CCL16/HCC-4; Human CCL16/HCC-4 PicoKine ELISA Kit; C-C motif chemokine 16; chemokine (C-C motif) ligand 16; CCL16; CCL16_HUMAN; Chemokine CC-4; Chemokine LEC; CKb12; HCC-4; HCC4; IL-10-inducible chemokine; IL10 inducible chemokine; ILINCK; LCC-1; LCC1; Liver CC chemokine 1 precursor; Liver expressed chemokine; Liver-expressed chemokine; LMC; Lymphocyte and monocyte chemoattractant; Monotactin 1; Monotactin-1; MTN-1; Mtn1; NCC-4; NCC4; New CC chemokine 4; SCYA16; SCYL4; Small inducible cytokine A16 precursor; Small inducible cytokine subfamily A (Cys Cys) member 16; Small-inducible cytokine A16; CCL16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human CCL16
Sequence Length	120
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	7.8pg/ml-500pg/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)

Human CCL16/HCC-4 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL16 elisa kit	Principle of the assay: human CCL16 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for CCL16 has been precoated onto 96-well plates. Standards(E.coli, Q24-Q120) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CCL16 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 CCL16 amount of sample captured in plate. Background: Chemokine (C-C motif) ligand 16 (CCL16) is a small cytokine belonging to the CC chemokine family that is known under several pseudonyms, including Liver-expressed chemokine (LEC) and Monotactin-1 (MTN-1). This chemokine is expressed by the liver, thymus, and spleen and is chemoattractive for monocytes and lymphocytes. Cellular expression of CCL16 can be strongly induced in monocytes by IL-10, IFN-gamma and bacterial lipopolysaccharide. Its gene is located on chromosome 17, in humans, among a cluster of other CC chemokines. CCL16 elicits its effects on cells by interacting with cell surface chemokine receptors such as CCR1, CCR2, CCR5 and CCR8.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6094382
NCBI GeneID	6360
UniProt Accession #	O15467; Q4KKU0
Molecular Weight	13,600 Da
NCBI Official Full Name	C-C motif chemokine 16
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 16
NCBI Official Symbol	CCL16
NCBI Official Synonym Symbols	LEC; LMC; NCC4; CKb12; HCC-4; LCC-1; Mtn-1; NCC-4; SCYL4; ILINCK; SCYA16
NCBI Protein Information	C-C motif chemokine 16; monotactin-1; chemokine LEC; chemokine CC-4; new CC chemokine 4; liver CC chemokine-1; IL-10-inducible chemokine; liver-expressed chemokine; small-inducible cytokine A16; lymphocyte and monocyte chemoattractant; small inducible cytokine subfamily A (Cys-Cys), member 16
UniProt Protein Name	C-C motif chemokine 16
UniProt Gene Name	CCL16
UniProt Synonym Gene Names	ILINCK; NCC4; SCYA16; HCC-4; LMC; MTN-1
UniProt Entry Name	CCL16_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/ccl16-hcc-4/45946>