

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

Human CCL16/HCC-4 PicoKine Quick ELISA Kit

CATALOG # AAA128081	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

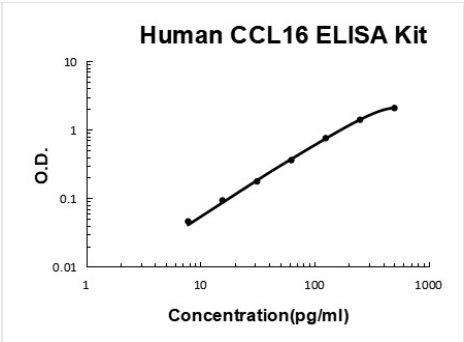
CCL16/HCC-4; Human CCL16/HCC-4 PicoKine Quick ELISA Kit; C-C motif chemokine 16; Chemokine CC-4; HCC-4; Chemokine LEC; IL-10-inducible chemokine; LCC-1; Liver-expressed chemokine; Lymphocyte and monocyte chemoattractant; LMC; Monotactin-1; MTN-1; NCC-4; Small-inducible cytokine A16; CCL16; ILINCK; NCC4; SCYA16; CCL16/HCC-4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Assay Range	7.8pg/ml-500pg/ml
Sensitivity	<10pg/ml
Capture antibody and Detection antibody	monoclonal antibody from mouse polyclonal antibody from goat
Immunogen	Expression system for standard: E coli; Immunogen sequence: Q24-Q120
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for CCL16/HCC-4 elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration (pg/ml)07.815.631.362.51252505000.D.0.0240.0700.1170.2000.3840.7771.4222.095
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)17602711854267Standard deviation0.853.1820.861.023.5621.36CV (%)5%5.3%7.7%5.7%6.6%8%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 117161717160.432.6%Sample 260535258553.346%Sample 327122724323024217.387.1%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)

IMAGES



Standard Curve (Sample)
Human CCL16/HCC-4 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL16/HCC-4 elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for CCL16/HCC-4 elisa kit	Quick ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759074
NCBI GeneID	6360
NCBI Accession #	NP_004581.1
NCBI GenBank Nucleotide #	NM_004590.3
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; IL-10-inducible chemokine; chemokine LEC; liver CC chemokine-1; liver-expressed chemokine; lymphocyte and monocyte chemoattractant; monotactin-1; new CC chemokine 4; small inducible cytokine subfamily A (Cys-Cys), member 16; small-
UniProt Protein Name	C-C motif chemokine 16
UniProt Gene Name	CCL16
UniProt Synonym Gene Names	ILINCK; NCC4; SCYA16; HCC-4; LMC; MTN-1

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-4/128081>