

Mouse Chemokine C-C-Motif Ligand 16 ELISA Kit | CCL16 elisa kit

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CATALOG #
AAA86994

REACTIVITY
Mouse

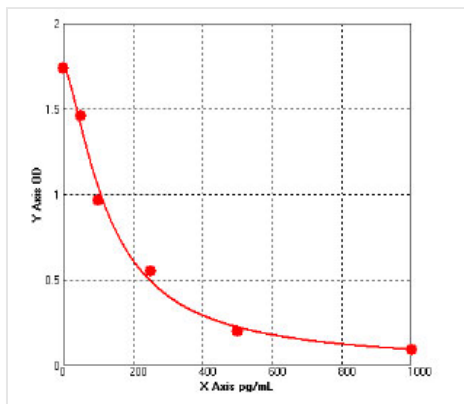
PRODUCT SYNONYMS

Chemokine C-C-Motif Ligand 16; Mouse Chemokine C-C-Motif Ligand 16 ELISA Kit; CCL16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CCL-16. No significant cross-reactivity or interference between CCL-16 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CCL-16 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL16 elisa kit	Intended Uses: This CCL-16 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CCL-16. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CCL-16 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CCL-16 antibody and an CCL-16-HRP conjugate. The assay sample and buffer are incubated together with CCL-16-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CCL-16 concentration since CCL-16 from samples and CCL-16-HRP conjugate compete for the anti-CCL-16 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCL-16 from the sample, fewer sites are left to bind CCL-16-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCL-16 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CCL16 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759074
NCBI GeneID	6360
NCBI Accession #	NP_004581.1
NCBI GenBank Nucleotide #	NM_004590.2
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; monactin-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.