

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

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CATALOG #
AAA94876

REACTIVITY
Goat

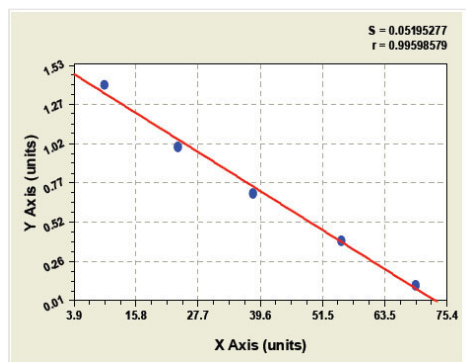
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This CCL16 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat CCL16. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL16 elisa kit

Principle of the Assay: CCL16 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCL16 antibody and an CCL16-HRP conjugate. The assay sample and buffer are incubated together with CCL16-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 CCL16 concentration since CCL16 from samples and CCL16-HRP conjugate compete for the anti-CCL16 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCL16 from the sample, fewer sites are left to bind CCL16-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCL16 concentration in each sample is interpolated from this standard curve.

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; 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.