

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

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CATALOG #
AAA94644

REACTIVITY
Bovine

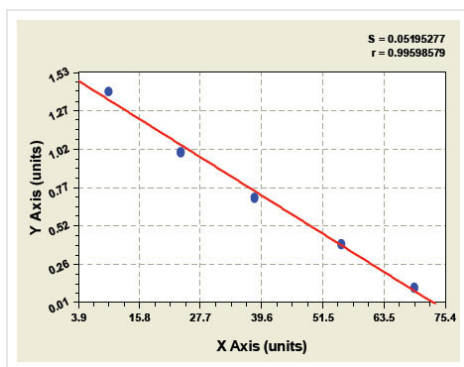
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/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 CCL16 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CCL16. This ELISA kit for research use only!

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.

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; 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/ccl16-bovine-ovine-elisa-kits/chemokine-c-c-motif-ligand-16/94644>