

Bovine Chemokine C-C motif ligand 2 ELISA Kit | CCL2 elisa kit

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CATALOG #
AAA95896

REACTIVITY
Bovine

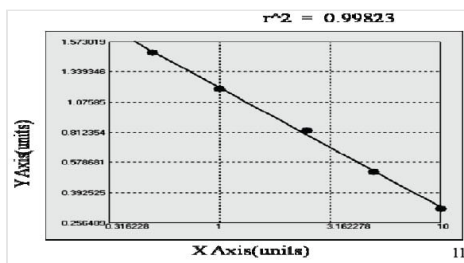
PRODUCT SYNONYMS

Chemokine C-C motif ligand 2; Bovine Chemokine C-C motif ligand 2 ELISA Kit; CCL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL2 elisa kit

Intended Uses: This CCL-2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CCL-2. This ELISA kit for research use only!

Principle of the Assay: CCL-2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCL-2 antibody and an CCL-2-HRP conjugate. The assay sample and buffer are incubated together with CCL-2-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-2 concentration since CCL-2 from samples and CCL-2-HRP conjugate compete for the anti-CCL-2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCL-2 from the sample, fewer sites are left to bind CCL-2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCL-2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CCL2 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	16307255
NCBI GeneID	6347
Molecular Weight	11,025 Da
NCBI Official Full Name	Chemokine (C-C motif) ligand 2
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 2
NCBI Official Symbol	CCL2
NCBI Official Synonym Symbols	HC11; MCAF; MCP1; MCP-1; SCYA2; GDCF-2; SMC-CF; HSMCR30
NCBI Protein Information	C-C motif chemokine 2; small-inducible cytokine A2; monocyte secretory protein JE; monocyte chemotactic protein 1; monocyte chemoattractant protein 1; monocyte chemoattractant protein-1; monocyte chemotactic and activating factor; small inducible cytokine subfamily A (Cys-Cys), member 2; small inducible cytokine A2 (monocyte chemotactic protein 1, homologous to mouse Sig-je)
UniProt Protein Name	C-C motif chemokine 2
UniProt Gene Name	CCL2
UniProt Synonym Gene Names	MCP1; SCYA2; MCAF; MCP-1
UniProt Entry Name	CCL2_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/ccl2-bovine-ovine-elisa-kits/chemokine-c-c-motif-ligand-2/95896>