

Bovine Chemokine C-C motif ligand 8 ELISA Kit | CCL-8 elisa kit

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CATALOG #
AAA95001

REACTIVITY
Bovine

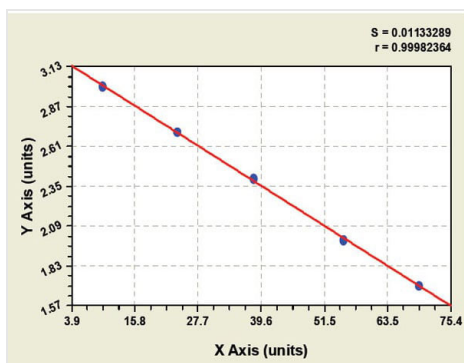
PRODUCT SYNONYMS

Chemokine C-C motif ligand 8; Bovine Chemokine C-C motif ligand 8 ELISA Kit; CCL-8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	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 CCL-8 elisa kit

Intended Uses: This CCL8 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CCL8. This ELISA kit for research use only!

Principle of the Assay: CCL8 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCL8 antibody and an CCL8-HRP conjugate. The assay sample and buffer are incubated together with CCL8-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 CCL8 concentration since CCL8 from samples and CCL8-HRP conjugate compete for the anti-CCL8 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCL8 from the sample, fewer sites are left to bind CCL8-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCL8 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CCL-8 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	116496843
NCBI GeneID	6355
Molecular Weight	11,246 Da
NCBI Official Full Name	Chemokine (C-C motif) ligand 8
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 8
NCBI Official Symbol	CCL8
NCBI Official Synonym Symbols	HC14; MCP2; MCP-2; SCYA8; SCYA10
NCBI Protein Information	C-C motif chemokine 8; small-inducible cytokine A8; monocyte chemotactic protein 2; monocyte chemoattractant protein 2; small inducible cytokine subfamily A (Cys-Cys), member 8 (monocyte chemotactic protein 2)
UniProt Protein Name	C-C motif chemokine 8
UniProt Gene Name	CCL8
UniProt Synonym Gene Names	MCP2; SCYA10; SCYA8; MCP-2
UniProt Entry Name	CCL8_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/ccl-8-bovine-ovine-elisa-kits/chemokine-c-c-motif-ligand-8/95001>