

Bovine Chemokine C-C-Motif Ligand 1 ELISA Kit | CCL1 elisa kit

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CATALOG #
AAA90535

REACTIVITY
Bovine

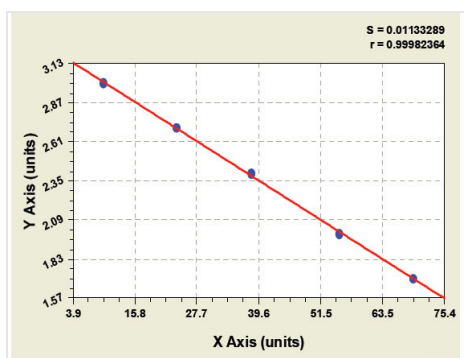
PRODUCT SYNONYMS

Chemokine C-C-Motif Ligand 1; Bovine Chemokine C-C-Motif Ligand 1 ELISA Kit; CCL1 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 CCL1 elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This CCL1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CCL1. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY CCL1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCL1 antibody and an CCL1-HRP conjugate. The assay sample and buffer are incubated together with CCL1-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 CCL1 concentration since CCL1 from samples and CCL1-HRP conjugate compete for the anti-CCL1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCL1 from the sample, fewer sites are left to bind CCL1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCL1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755424
NCBI GeneID	20290
NCBI Accession #	NP_035459.1
NCBI GenBank Nucleotide #	NM_011329.3
UniProt Accession #	P10146; P14098; Q9QUR9; Q9QUS5
Molecular Weight	10,276 Da
NCBI Official Full Name	C-C motif chemokine 1
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 1
NCBI Official Symbol	Ccl1
NCBI Official Synonym Symbols	I-309; Scya1; Tca-3; BF534335
NCBI Protein Information	C-C motif chemokine 1; P500; TCA3; CCR8 ligand; SIS-epsilon; T-cell activation protein 3; small inducible cytokine A1; small-inducible cytokine A1
UniProt Protein Name	C-C motif chemokine 1
UniProt Gene Name	Ccl1
UniProt Synonym Gene Names	Scya1; Tca3; TCA-3; TCA3
UniProt Entry Name	CCL1_MOUSE

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.