

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

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CATALOG #
AAA93492

REACTIVITY
Sheep

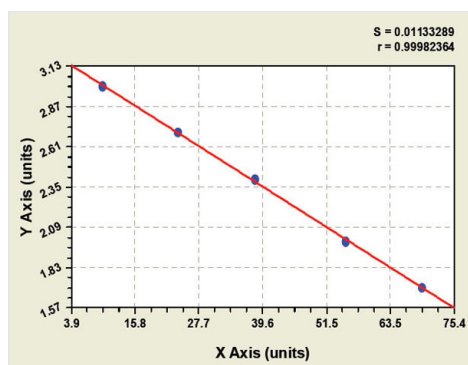
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
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

Intended Uses: This CCL1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep 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.

Product Categories/Family for CCL1 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755424
NCBI GeneID	20290
NCBI Accession #	NP_035459.1
NCBI GenBank Nucleotide #	NM_011329.3
Molecular Weight	9,836 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.

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Online datasheet: <https://stage.aaabiotech.com/ccl1-sheep-elisa-kits/chemokine-c-c-motif-ligand-1/93492>