

Canine Chemokine C-C motif ligand 5 ELISA Kit | CCL-5 elisa kit

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CATALOG #
AAA89759

REACTIVITY
Canine

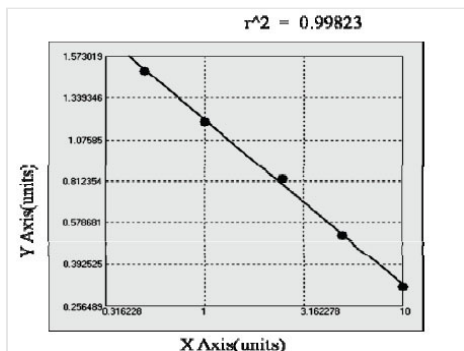
PRODUCT SYNONYMS

Chemokine C-C motif ligand 5; Canine Chemokine C-C motif ligand 5 ELISA Kit; CCL-5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CCL-5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CCL-5. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL-5 elisa kit

Principle of the assay: CCL-5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCL-5 antibody and an CCL-5-HRP conjugate. The assay sample and buffer are incubated together with CCL-5-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-5 concentration since CCL-5 from samples and CCL-5-HRP conjugate compete for the anti-CCL-5 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCL-5 from the sample, fewer sites are left to bind CCL-5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCL-5 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119600526
NCBI GeneID	6352
Molecular Weight	9,990 Da
NCBI Official Full Name	chemokine (C-C motif) ligand 5
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 5
NCBI Official Symbol	CCL5
NCBI Official Synonym Symbols	SISd; eoCP; SCYA5; RANTES; TCP228; D17S136E; SIS-delta
NCBI Protein Information	C-C motif chemokine 5; beta-chemokine RANTES; T-cell specific protein p288; eosinophil chemotactic cytokine; small inducible cytokine subfamily A (Cys-Cys), member 5; regulated upon activation, normally T-expressed, and presumably secreted
UniProt Protein Name	C-C motif chemokine 5
UniProt Gene Name	CCL5
UniProt Synonym Gene Names	D17S136E; SCYA5; TCP228
UniProt Entry Name	CCL5_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-5-canine-elisa-kits/chemokine-c-c-motif-ligand-5/89759>