

Canine Chemokine C-C-Motif Ligand 17 ELISA Kit | CCL17 elisa kit

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CATALOG #
AAA96912

REACTIVITY
Canine

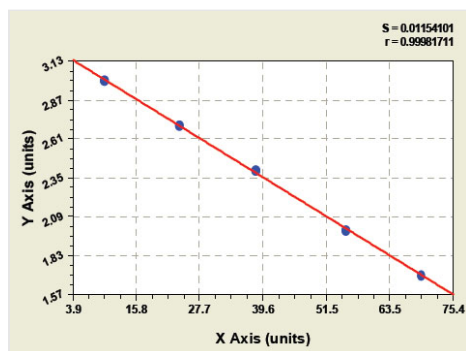
PRODUCT SYNONYMS

Chemokine C-C-Motif Ligand 17; Canine Chemokine C-C-Motif Ligand 17 ELISA Kit; CCL17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This CCL17 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CCL17. 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 CCL17 elisa kit

Principle of the assay: CCL17 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCL17 antibody and an CCL17-HRP conjugate. The assay sample and buffer are incubated together with CCL17-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 CCL17 concentration since CCL17 from samples and CCL17-HRP conjugate compete for the anti-CCL17 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCL17 from the sample, fewer sites are left to bind CCL17-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCL17 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506829
NCBI GeneID	6361
NCBI Accession #	NP_002978.1
NCBI GenBank Nucleotide #	NM_002987.2
Molecular Weight	10,507 Da
NCBI Official Full Name	C-C motif chemokine 17
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 17
NCBI Official Symbol	CCL17
NCBI Official Synonym Symbols	TARC; ABCD-2; SCYA17; A-152E5.3
NCBI Protein Information	C-C motif chemokine 17; CC chemokine TARC; T cell-directed CC chemokine; small-inducible cytokine A17; thymus and activation-regulated chemokine; small inducible cytokine subfamily A (Cys-Cys), member 17
UniProt Protein Name	C-C motif chemokine 17
UniProt Gene Name	CCL17
UniProt Synonym Gene Names	SCYA17; TARC
UniProt Entry Name	CCL17_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.