

Canine CCL17 (C-C motif chemokine 17) ELISA Kit | CCL17 elisa kit

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CATALOG #
AAA249554

REACTIVITY
Canine

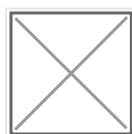
PRODUCT SYNONYMS

CCL17 (C-C motif chemokine 17); Canine CCL17 (C-C motif chemokine 17) ELISA Kit; C-C motif chemokine 17; CC chemokine TARC; Small-inducible cytokine A17; Thymus and activation-regulated chemokine; CCL17; TARC; CCL17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	Specifically recognize CCL17, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL17 elisa kit	Background: C-X-C motif chemokine 17 (CXCL-17) is a novel chemokine that plays a functional role maintaining homeostasis at distinct mucosal barriers, including regulation of myeloid-cell recruitment, angiogenesis, and control of microorganisms. While increased CXCL17 expression is associated with disease progression in pulmonary fibrosis, asthma, and lung/hepatic cancer, it is thought to play a protective role in pancreatic cancer, autoimmune encephalomyelitis and viral infections.Diseases associated with CXCL17 also include Cholera and Photokeratitis. Among its related pathways are Chemokine Superfamily: MIF Mediated Glucocorticoid Regulation. Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti CCL17 antibody was precoated onto the 96-well plate. The biotin conjugated anti CCL17 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with CCL17 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of CCL17 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50978702
NCBI GeneID	403586
NCBI Accession #	NP_001003051.1
NCBI GenBank Nucleotide #	NM_001003051.1
UniProt Accession #	Q95N01
Molecular Weight	11,052 Da
NCBI Official Full Name	C-C motif chemokine 17
NCBI Official Symbol	CCL17
NCBI Official Synonym Symbols	TARC
NCBI Protein Information	C-C motif chemokine 17; CC chemokine TARC; small-inducible cytokine A17; thymus and activation-regulated chemokine
UniProt Protein Name	C-C motif chemokine 17
UniProt Gene Name	CCL17
UniProt Synonym Gene Names	TARC
UniProt Entry Name	CCL17_CANFA

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/canine-elisa-kits/ccl17-c-c-motif-chemokine-17/249554>