Dog chemokine (C-C motif) ligand 5 ELISA Kit | CCL5 elisa kit

Dog C-C motif chemokine 5, CCL5 ELISA Kit

CATALOG #	REACTIVITY
AAA112580	**Dog**

PRODUCT SYNONYMS

chemokine (C-C motif) ligand 5; Dog C-C motif chemokine 5; CCL5 ELISA Kit; Dog C-C motif chemokine 5 (CCL5) ELISA kit; D17S136E; MGC17164; RANTES; SCYA5; SISd; TCP228; OTTHUMP00000197106; SIS-delta; T-cell specific protein p288; beta-chemokine RANTES; regulated upon activation; normally T-expressed; and presumably secre; Dog C-C motif chemokine 5 (CCL5); CCL5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of dog CCL5. No significant cross-reactivity or interference between dog CCL5 and analogues was observed.
Sequence Length	91
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	0.47 ng/ml-30 ng/ml.
Sensitivity	The minimum detectable dose of dog CCL5 is typically less than 0.12 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL5 elisa kit	**Priciple of the assay:** This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CCL5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CCL5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CCL5 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CCL5 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50978628
NCBI GeneID	403522
NCBI Accession #	NP_001003010.1
NCBI GenBank Nucleotide #	NM_001003010.2
UniProt Accession #	Q8HYS0
Molecular Weight	10,179 Da
NCBI Official Full Name	C-C motif chemokine 5
NCBI Official Symbol	CCL5
NCBI Official Synonym Symbols	RANTES
NCBI Protein Information	C-C motif chemokine 5; small-inducible cytokine A5; T-cell-specific protein RANTES
UniProt Protein Name	C-C motif chemokine 5
UniProt Gene Name	**CCL5**
UniProt Synonym Gene Names	SCYA5
UniProt Entry Name	CCL5_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/ccl5-dog-elisa-kits/chemokine-c-c-motif-ligand-5/112580