

Canine Eosinophil chemotactic factor ELISA Kit | ECF elisa kit

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CATALOG #
AAA88485

REACTIVITY
Canine

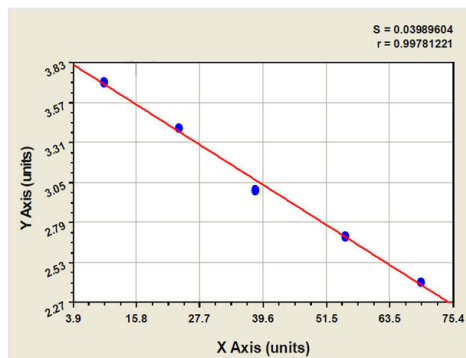
PRODUCT SYNONYMS

Eosinophil chemotactic factor; Canine Eosinophil chemotactic factor ELISA Kit; ECF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This ECF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine ECF. 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 ECF elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	2462478
NCBI GeneID	6356
UniProt Accession #	P51671; P50877; Q92490; Q92491
Molecular Weight	10,732 Da
NCBI Official Full Name	eotaxin
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 11
NCBI Official Symbol	CCL11
NCBI Official Synonym Symbols	SCYA11
NCBI Protein Information	eotaxin; eotaxin-1; eosinophil chemotactic protein; small inducible cytokine subfamily A (Cys-Cys), member 11 (eotaxin)
UniProt Protein Name	Eotaxin
UniProt Gene Name	CCL11
UniProt Synonym Gene Names	SCYA11
UniProt Entry Name	CCL11_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.