

Canine Interleukin 1 Delta ELISA Kit | FIL1d elisa kit

Canine Interleukin 1 Delta ELISA Kit

CATALOG #
AAA90785

REACTIVITY
Canine

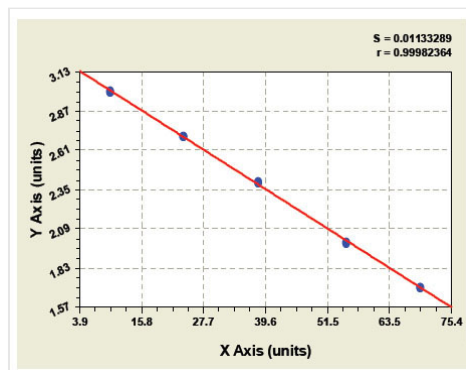
PRODUCT SYNONYMS

Interleukin 1 Delta; Canine Interleukin 1 Delta ELISA Kit; FIL1d 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 FIL1d ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine FIL1d. 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 FIL1d elisa kit

Principle of the Assay: FIL1d ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FIL1d antibody and an FIL1d-HRP conjugate. The assay sample and buffer are incubated together with FIL1d-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 FIL1d concentration since FIL1d from samples and FIL1d-HRP conjugate compete for the anti-FIL1d antibody binding site. Since the number of sites is limited, as more sites are occupied by FIL1d from the sample, fewer sites are left to bind FIL1d-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FIL1d concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9651789
Molecular Weight	16,962 Da
NCBI Official Full Name	interleukin-1 delta
UniProt Protein Name	Interleukin-36 receptor antagonist protein
UniProt Gene Name	IL36RN
UniProt Synonym Gene Names	FIL1D; IL1F5; IL1HY1; IL1L1; IL1RP3; UNQ1896/PRO4342; IL-1RP3; IL-1HY1; IL-1 delta; IL-1F5; IL-1ra homolog 1; IL-1L1
UniProt Entry Name	I36RA_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.