

Canine Interleukin 1beta, IL-1beta ELISA Kit | IL-1beta elisa kit

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CATALOG #
AAA43461

REACTIVITY
Canine

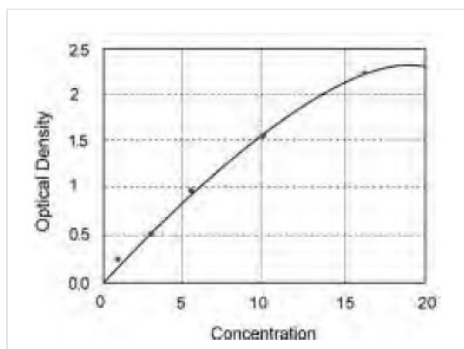
PRODUCT SYNONYMS

Interleukin 1beta; IL-1beta; Canine Interleukin 1beta; IL-1beta ELISA Kit; IL-1beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.2-60pg/ml
Sensitivity	0.1pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-1beta elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine IL-1B antibody. IL-1B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine IL-1B Antibody is added and binds to IL-1B in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-1B antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Canine IL-1B. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Interleukin 1 Beta (also known as IL-1B) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	52346210
NCBI GeneID	396565
NCBI Accession #	NP_001005149.1
NCBI GenBank Nucleotide #	NM_001005149.1
NCBI Official Symbol	IL1B2
NCBI Official Synonym Symbols	IL1B; IL-1beta
NCBI Protein Information	interleukin 1, beta

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/interleukin-1beta-il-1beta/43461>