

Dog Interleukin-13 ELISA Kit | IL13 elisa kit

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CATALOG #
AAA195204

REACTIVITY
Dog

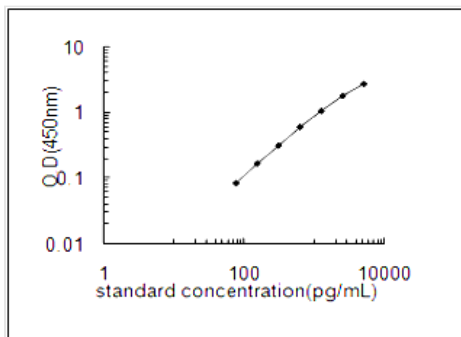
PRODUCT SYNONYMS

Interleukin-13; Dog Interleukin-13 ELISA Kit; IL-13; IL13; IL13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay recognizes recombinant and natural dog IL-13. No significant cross-reactivity or interference was observed.
Sequence Length	131
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Detection Range	15.6 pg/mL -1000 pg/mL.
Sensitivity	5.60 pg/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL13 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of dog interleukin-13, IL-13 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay||The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL-13. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for IL-13 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain IL-13, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of IL-13 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50979260
NCBI GeneID	442990
NCBI Accession #	NP_001003384.1
NCBI GenBank Nucleotide #	NM_001003384.1
UniProt Accession #	Q9NOW9
Molecular Weight	14,268 Da
NCBI Official Full Name	interleukin-13
NCBI Official Symbol	IL13
NCBI Protein Information	interleukin-13
UniProt Protein Name	Interleukin-13
UniProt Gene Name	IL13
UniProt Synonym Gene Names	IL-13
UniProt Entry Name	IL13_CANLF

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/il13-dog-elisa-kits/interleukin-13/195204>