

Canine Interleukin-13, IL13 ELISA Kit | IL13 elisa kit

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CATALOG #
AAA123283

REACTIVITY
Canine

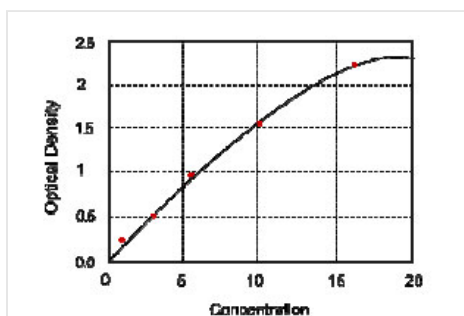
PRODUCT SYNONYMS

Interleukin-13; IL13; Canine Interleukin-13; IL13 ELISA Kit; IL13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	131
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	7ng/L - 1500ng/L
Sensitivity	3.18ng/L
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 IL13 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Interleukin-13 (also known as IL13) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine IL13 antibody. IL13 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine IL13 Antibody is added and binds to IL13 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL13 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 IL13. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758680
NCBI GeneID	116553
NCBI GenBank Nucleotide #	NP_446280.1
UniProt Accession #	P42203
NCBI Official Full Name	interleukin-13
NCBI Official Synonym Full Names	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; IL-13
UniProt Entry Name	IL13_RAT

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-13-il13/123283>