

Canine Interleukin 34, IL-34 ELISA Kit | IL-34 elisa kit

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CATALOG #
AAA122408

REACTIVITY
Canine

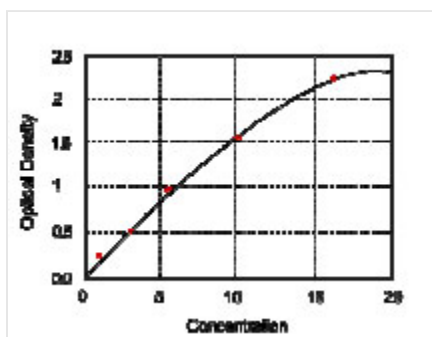
PRODUCT SYNONYMS

Interleukin 34; IL-34; Canine Interleukin 34; IL-34 ELISA Kit; IL-34 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	242
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.5-150ng/L
Sensitivity	0.24ng/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 IL-34 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Interleukin 34 (also known as IL-34) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine IL-34 antibody. IL-34 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine IL-34 Antibody is added and binds to IL-34 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-34 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-34. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	289666752
NCBI GeneID	146433
NCBI Accession #	NP_001166243.1
NCBI GenBank Nucleotide #	NM_001172772.1
UniProt Accession #	Q6ZMJ4; Q8N6L2; B2RC28; B2Z4A8; B2ZC70
Molecular Weight	27,354 Da
NCBI Official Full Name	interleukin-34 isoform 1
NCBI Official Synonym Full Names	interleukin 34
NCBI Official Symbol	IL34
NCBI Official Synonym Symbols	IL-34; C16orf77
NCBI Protein Information	interleukin-34
UniProt Protein Name	Interleukin-34
UniProt Gene Name	IL34
UniProt Synonym Gene Names	C16orf77; IL-34

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-34-il-34/122408>