

Canine Interleukin 31, IL-31 ELISA Kit | IL-31 elisa kit

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CATALOG #
AAA19006

REACTIVITY
Canine

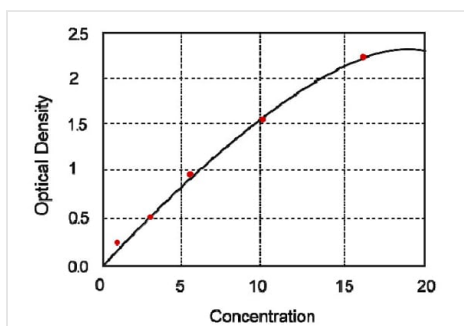
PRODUCT SYNONYMS

Interleukin 31; IL-31; Canine Interleukin 31; IL-31 ELISA Kit; IL-31 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	164
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	10-4000ng/L
Sensitivity	5.15ng/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-31 elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine IL-31 antibody. IL-31 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine IL-31 Antibody is added and binds to IL-31 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-31 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-31. 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 31 (also known as IL-31) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62122911
NCBI GeneID	386653
NCBI Accession #	NP_001014358.1
NCBI GenBank Nucleotide #	NM_001014336.1
UniProt Accession #	Q6EBC2; A2RUQ1
Molecular Weight	18,205 Da
NCBI Official Full Name	interleukin-31
NCBI Official Synonym Full Names	interleukin 31
NCBI Official Symbol	IL31
NCBI Official Synonym Symbols	IL-31
NCBI Protein Information	interleukin-31
UniProt Protein Name	Interleukin-31
UniProt Gene Name	IL31
UniProt Synonym Gene Names	IL-31

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-31-il-31/19006>