

Canine Interleukin 21, IL-21 ELISA Kit | IL-21 elisa kit

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CATALOG #
AAA43672

REACTIVITY
Canine

PRODUCT SYNONYMS

Interleukin 21; IL-21; Canine Interleukin 21; IL-21 ELISA Kit; IL-21 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	153
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/L - 600ng/L
Sensitivity	1.02ng/L
Intra-Assay	CV<8%
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-21 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Interleukin 21 (also known as IL-21) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine IL-21 antibody. IL-21 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine IL-21 Antibody is added and binds to IL-21 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-21 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-21. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	333033767
NCBI GeneID	59067
NCBI Accession #	NP_001193935.1
NCBI GenBank Nucleotide #	NM_001207006.2
UniProt Accession #	Q9HBE4; A5J0L4
Molecular Weight	16,867 Da
NCBI Official Full Name	interleukin-21 isoform 2
NCBI Official Synonym Full Names	interleukin 21
NCBI Official Symbol	IL21
NCBI Official Synonym Symbols	Za11; IL-21; CVID11
NCBI Protein Information	interleukin-21
UniProt Protein Name	Interleukin-21
UniProt Gene Name	IL21
UniProt Synonym Gene Names	IL-21

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-21-il-21/43672>