

Canine Interleukin 17A ELISA Kit | IL-17A elisa kit

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CATALOG #
AAA91425

REACTIVITY
Canine

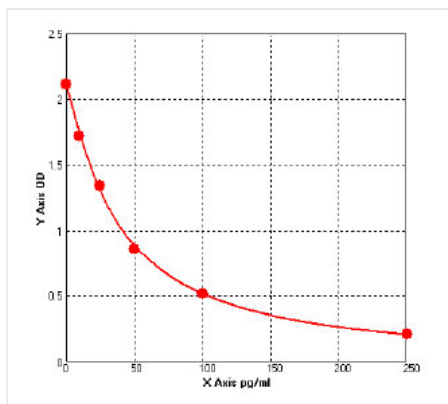
PRODUCT SYNONYMS

Interleukin 17A; Canine Interleukin 17A ELISA Kit; IL-17A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of IL-17A. No significant cross-reactivity or interference between IL-17A and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IL-17A and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Intended Uses	This IL-17A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine IL-17A. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-17A elisa kit	Principle of the Assay: IL-17A ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-IL-17A antibody and an IL-17A-HRP conjugate. The assay sample and buffer are incubated together with IL-17A-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IL-17A concentration since IL-17A from samples and IL-17A-HRP conjugate compete for the anti-IL-17A antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-17A from the sample, fewer sites are left to bind IL-17A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-17A concentration in each sample is interpolated from this standard curve. Intended Uses: This IL-17A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine IL-17A. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for IL-17A elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504651
NCBI GeneID	3605
NCBI Accession #	NP_002181.1
NCBI GenBank Nucleotide #	NM_002190.2
Molecular Weight	17,504 Da
NCBI Official Full Name	interleukin-17A
NCBI Official Synonym Full Names	interleukin 17A
NCBI Official Symbol	IL17A
NCBI Official Synonym Symbols	IL17; CTLA8; IL-17; IL-17A
NCBI Protein Information	interleukin-17A; CTLA-8; cytotoxic T-lymphocyte-associated antigen 8; cytotoxic T-lymphocyte-associated protein 8; interleukin 17 (cytotoxic T-lymphocyte-associated serine esterase 8)
UniProt Protein Name	Interleukin-17A
UniProt Gene Name	IL17A
UniProt Synonym Gene Names	CTLA8; IL17; IL-17; IL-17A; CTLA-8
UniProt Entry Name	IL17_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/il-17a-canine-elisa-kits/interleukin-17a/91425>