

Canine Interleukin 10 ELISA Kit | IL-10 elisa kit

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CATALOG #
AAA90466

REACTIVITY
Canine

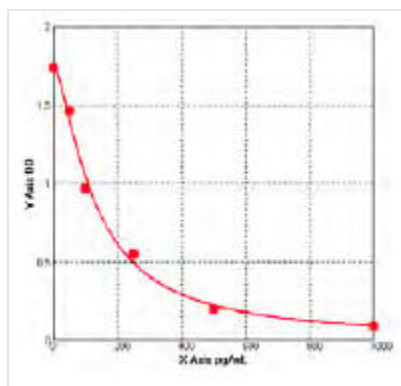
PRODUCT SYNONYMS

Interleukin 10; Canine Interleukin 10 ELISA Kit; IL-10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-10 elisa kit

Intended Uses: This IL-10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine IL-10. This ELISA kit for research use only!

Principle of the Assay: IL-10 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IL-10 antibody and an IL-10-HRP conjugate. The assay sample and buffer are incubated together with IL-10-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-10 concentration since IL-10 from samples and IL-10-HRP conjugate compete for the anti-IL-10 antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-10 from the sample, fewer sites are left to bind IL-10-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-10 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21492460
NCBI GeneID	944684
NCBI Accession #	NP_659579.1
NCBI GenBank Nucleotide #	NC_004002.1
NCBI Official Full Name	IL-10
NCBI Official Symbol	SPPV_03
NCBI Protein Information	IL-10

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://www.aaabiotech.com/il-10-canine-elisa-kits/interleukin-10/90466>