

Goat Interleukin 6 ELISA Kit | IL-6 elisa kit

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CATALOG #
AAA88436

REACTIVITY
Goat

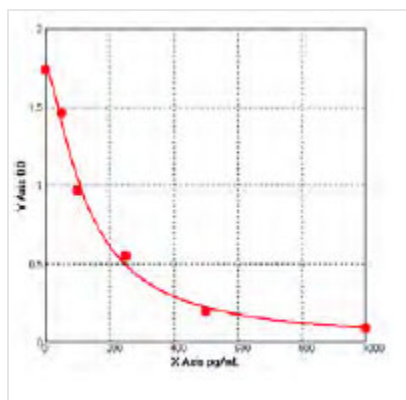
PRODUCT SYNONYMS

Interleukin 6; Goat Interleukin 6 ELISA Kit; IL-6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
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-6 elisa kit

Intended Uses: This IL-6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine IL-6. This ELISA kit for research use only!

Principle of the Assay: IL-6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IL-6 antibody and an IL-6-HRP conjugate. The assay sample and buffer are incubated together with IL-6-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-6 concentration since IL-6 from samples and IL-6-HRP conjugate compete for the anti-IL-6 antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-6 from the sample, fewer sites are left to bind IL-6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-6 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7549769
NCBI GeneID	24498
NCBI Accession #	NP_036721.1
NCBI GenBank Nucleotide #	NM_012589.2
Molecular Weight	24,357 Da
NCBI Official Full Name	interleukin-6
NCBI Official Synonym Full Names	interleukin 6
NCBI Official Symbol	IL6
NCBI Official Synonym Symbols	ILg6; Ifnb2
NCBI Protein Information	interleukin-6; IL-6; Interleukin 6 (interferon, beta 2)
UniProt Protein Name	Interleukin-6
UniProt Gene Name	IL6
UniProt Synonym Gene Names	IL-6; IL-6
UniProt Entry Name	IL6_RAT

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.