

Canine Interleukin 6 ELISA Kit | IL-6 elisa kit

Canine Interleukin 6 (IL-6) ELISA Kit

CATALOG #
AAA55571

REACTIVITY
Canine

PRODUCT SYNONYMS

Interleukin 6; Canine Interleukin 6 (IL-6) ELISA Kit; IL-6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of Canine IL6. No significant cross-reactivity or interference between Canine IL6 and analogues was observed.
Sequence Length	212
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for IL-6 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IL6 in samples. An antibody specific for IL6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyIL6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL6 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IL6 bound in the initial step. The color development is stopped and the intensity of the color is measured.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	54607208
NCBI GeneID	403985
NCBI Accession #	NP_001003301.1
NCBI GenBank Nucleotide #	NM_001003301.1
UniProt Accession #	P41323; Q9MYZ7

Molecular Weight	22,945 Da
NCBI Official Full Name	interleukin-6
NCBI Official Synonym Full Names	interleukin 6
NCBI Official Symbol	IL6
NCBI Official Synonym Symbols	IL-6
NCBI Protein Information	interleukin-6
UniProt Protein Name	Interleukin-6
UniProt Gene Name	IL6
UniProt Synonym Gene Names	IL-6

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-6-canine-elisa-kits/interleukin-6/55571>