

Canine Interleukin 24 ELISA Kit | IL-24 elisa kit

Canine Interleukin 24 ELISA Kit

CATALOG #
AAA90081

REACTIVITY
Canine

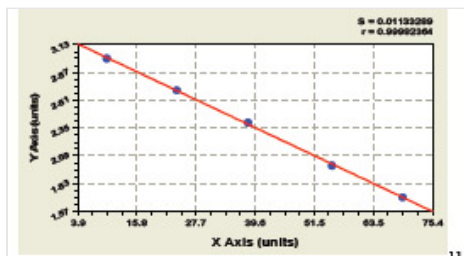
PRODUCT SYNONYMS

Interleukin 24; Canine Interleukin 24 ELISA Kit; IL-24 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This IL-24 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine IL-24. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for IL-24 elisa kit

Principle of the assay: IL-24 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IL-24 antibody and an IL-24-HRP conjugate. The assay sample and buffer are incubated together with IL-24-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-24 concentration since IL-24 from samples and IL-24-HRP conjugate compete for the anti-IL-24 antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-24 from the sample, fewer sites are left to bind IL-24-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-24 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IL-24 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	16307185
NCBI GeneID	11009
Molecular Weight	7,347 Da
NCBI Official Full Name	Interleukin 24
NCBI Official Synonym Full Names	interleukin 24
NCBI Official Symbol	IL24
NCBI Official Synonym Symbols	C49A; FISP; MDA7; MOB5; ST16; IL10B
NCBI Protein Information	interleukin-24; melanocyte-associated Mda-7; IL-4-induced secreted protein; melanoma differentiation-associated gene 7 protein; suppression of tumorigenicity 16 (melanoma differentiation)
UniProt Protein Name	Interleukin-24
UniProt Gene Name	IL24
UniProt Synonym Gene Names	MDA7; ST16; IL-24; MDA-7
UniProt Entry Name	IL24_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-24-canine-elisa-kits/interleukin-24/90081>