

Canine Interferon alpha ELISA Kit | IFN-alpha elisa kit

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CATALOG #
AAA88173

REACTIVITY
Canine

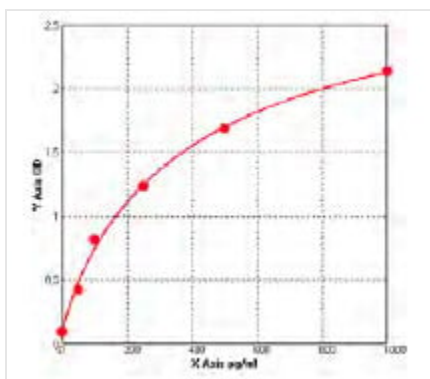
PRODUCT SYNONYMS

Interferon alpha; Canine Interferon alpha ELISA Kit; Canine Interferon a ELISA Kit; IFN-alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Sandwich
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 IFN-alpha elisa kit

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

Principle of the Assay: IFN γ ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for IFN γ . Standards or samples are then added to the microtiter plate wells and IFN γ if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of IFN γ present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for IFN γ are added to each well to "sandwich" the IFN γ immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain IFN γ and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IFN γ concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	306902
NCBI GeneID	3445
Molecular Weight	21,989 Da
NCBI Official Full Name	interferon-alpha
NCBI Official Synonym Full Names	interferon, alpha 8
NCBI Official Symbol	IFNA8
NCBI Official Synonym Symbols	IFN-alphaB
NCBI Protein Information	interferon alpha-8; lEIF B; IFN-alpha-8; interferon alpha-B; interferon alpha-B'; interferon alpha-B2; interferon alpha type 201
UniProt Protein Name	Interferon alpha-8
UniProt Gene Name	IFNA8
UniProt Synonym Gene Names	IFN-alpha-8; LeIF B
UniProt Entry Name	IFNA8_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.

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Online datasheet: <https://stage.aaabiotech.com/ifn-alpha-canine-elisa-kits/interferon-alpha/88173>