

Canine Interferon beta1b ELISA Kit | IFN beta1b elisa kit

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CATALOG #
AAA246678

REACTIVITY
Canine

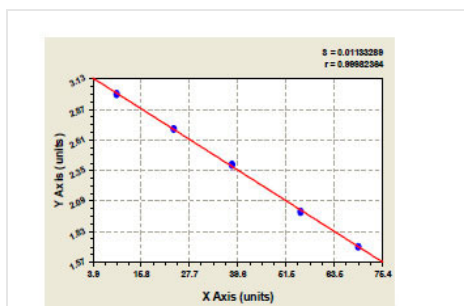
PRODUCT SYNONYMS

Interferon beta1b; Canine Interferon beta1b ELISA Kit; Canine Interferon b1b ELISA Kit; IFN beta1b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for IFN beta1b elisa kit	Intended Uses: This IFNbeta1b ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine IFNbeta1b. This ELISA kit for research use only! Principle of the Assay IFNbeta1b ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IFNbeta1b antibody and an IFNbeta1b-HRP conjugate. The assay sample and buffer are incubated together with IFNbeta1b-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 IFNbeta1b concentration since IFNbeta1b from samples and IFNbeta1b-HRP conjugate compete for the anti-IFNbeta1b antibody binding site. Since the number of sites is limited, as more sites are occupied by IFNbeta1b from the sample, fewer sites are left to bind IFNbeta1b-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IFNbeta1b concentration in each sample is interpolated from this standard curve.
Product Categories/Family for IFN beta1b elisa kit	Immunology

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://www.aaabiotech.com/ifn-beta1b-canine-elisa-kits/interferon-beta1b/246678>