

Canine Plasma fibronectin ELISA Kit | PFN elisa kit

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CATALOG #
AAA92585

REACTIVITY
Canine

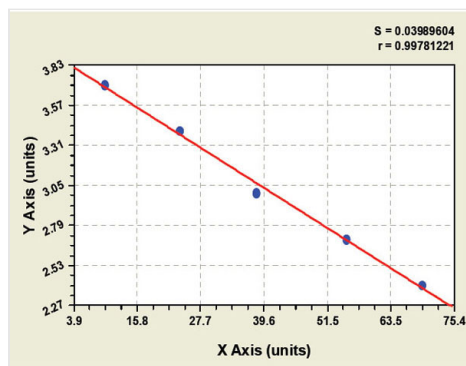
PRODUCT SYNONYMS

Plasma fibronectin; Canine Plasma fibronectin ELISA Kit; PFN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This PFN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine PFN. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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

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/pfn-canine-elisa-kits/plasma-fibronectin/92585>