

Canine Fibronectin ELISA Kit | FN elisa kit

Canine Fibronectin ELISA Kit

CATALOG #
AAA90414

REACTIVITY
Canine

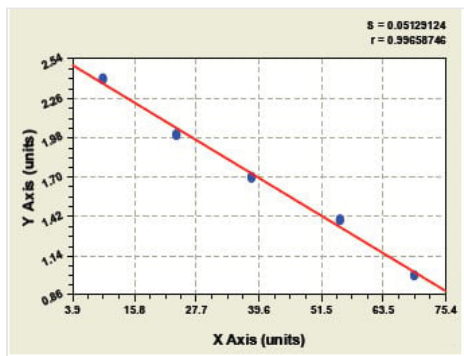
PRODUCT SYNONYMS

Fibronectin; Canine Fibronectin ELISA Kit; FN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FN elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This FN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine FN. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY FN ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FN antibody and an FN-HRP conjugate. The assay sample and buffer are incubated together with FN-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 FN concentration since FN from samples and FN-HRP conjugate compete for the anti-FN antibody binding site. Since the number of sites is limited, as more sites are occupied by FN from the sample, fewer sites are left to bind FN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FN concentration in each sample is interpolated from this standard curve.
Product Categories/Family for FN elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	553293
NCBI GeneID	2335
Molecular Weight	256,502 Da
NCBI Official Full Name	fibronectin, partial
NCBI Official Synonym Full Names	fibronectin 1
NCBI Official Symbol	FN1
NCBI Official Synonym Symbols	FN; CIG; FNZ; MSF; ED-B; FINC; GFND; LETS; GFND2
NCBI Protein Information	fibronectin; cold-insoluble globulin; migration-stimulating factor
UniProt Protein Name	Fibronectin
UniProt Gene Name	FN1
UniProt Synonym Gene Names	FN; FN; CIG
UniProt Entry Name	FINC_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://www.aaabiotech.com/fn-canine-elisa-kits/fibronectin/90414>