

Canine Fibronectin (FN1) ELISA Kit | FN1 elisa kit

Canine Fibronectin (FN1) ELISA Kit

CATALOG #
AAA56025

REACTIVITY
Canine

PRODUCT SYNONYMS

Fibronectin (FN1); Canine Fibronectin (FN1) ELISA Kit; CIG; DKFZp686F10164; DKFZp686H0342; DKFZp686I1370; DKFZp686O13149; ED-B; FINC; FN; FNZ; GFND; GFND2; LETS; MSF; OTTHUMP00000206762; OTTHUMP00000206767; cold-insoluble globulin; migration-stimulating fa; FN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of Canine FN1. No significant cross-reactivity or interference between Canine FN1 and analogues was observed.
Sequence Length	522
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56 ug/mL - 100 ug/mL
Sensitivity	0.78 ug/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for FN1 elisa kit	Intended Uses: For the quantitative detection of Canine Fibronectin (FN1) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate FN1 in Canine serum, plasma. An antibody specific for FN1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FN1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FN1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FN1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	2497971
NCBI GeneID	403845
UniProt Accession #	Q28275; Q28276
Molecular Weight	29,486 Da

NCBI Official Full Name	Fibronectin
NCBI Official Symbol	FN1
NCBI Official Synonym Symbols	FN
NCBI Protein Information	fibronectin
UniProt Protein Name	Fibronectin
UniProt Gene Name	FN1
UniProt Synonym Gene Names	FN

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/canine-elisa-kits/fibronectin-fn1/56025>