

Bovine Fibronectin (FN) ELISA Kit | FN elisa kit

Cattle Fibronectin (FN) ELISA Kit

CATALOG #
AAA182557

REACTIVITY
Bovine

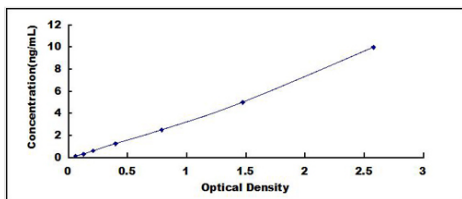
PRODUCT SYNONYMS

Fibronectin (FN); Cattle Fibronectin (FN) ELISA Kit; FN1; CIG; FINC; LETS; MSF; GFND2; Anastellin; Migration-Stimulating Factor; Cold-Insoluble Globulin; Large; External; Transformation-Sensitive Protein; FN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of Fibronectin (FN). No significant cross-reactivity or interference between Fibronectin (FN) and analogues was observed.
Sequence Length	2481
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.069ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Fibronectin (FN) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Fibronectin (FN) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FN elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Fibronectin (FN). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Fibronectin (FN). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Fibronectin (FN), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Fibronectin (FN) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148237139
NCBI GeneID	397744
NCBI Accession #	NP_001081270.1
NCBI GenBank Nucleotide #	NM_001087801.1
UniProt Accession #	Q91740
Molecular Weight	272,680 Da
NCBI Official Full Name	fibronectin
NCBI Official Synonym Full Names	fibronectin 1 S homeolog
NCBI Official Symbol	fn1.S
NCBI Official Synonym Symbols	fn1; fibronectin
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.

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Online datasheet: <https://stage.aaabiotech.com/bovine-ovine-elisa-kits/fibronectin-fn/182557>