

Human Fibronectin (FN) ELISA Kit | FN elisa kit

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CATALOG #
AAA139148

REACTIVITY
Human

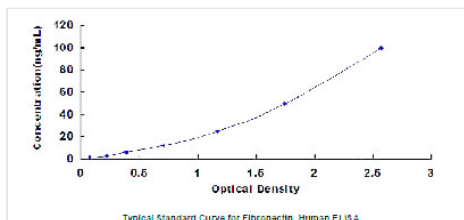
PRODUCT SYNONYMS

Fibronectin (FN); Human 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	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FGFR1. No significant cross-reactivity or interference between FGFR1 and analogues was observed.
Sequence Length	2,481
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	0.69ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FGFR1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FGFR1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. 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	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FGFR1 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to FGFR1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to FGFR1. 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 FGFR1, 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 FGFR1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for FN elisa kit	Signal transduction; Infection immunity
References	Association of TATA box-binding protein-associated factor RNA polymerase I subunit C (TAF1C) with T2DM; Gene; 2019 Jul 20;706:43-51.; PMID: 31039436; Rabab Asghar Abdulwahab; Integrated Science Division, College of Health Sciences, University of Bahrain, Manama, Bahrain; Al Jawhara Centre for Molecular Medicine and Inherited Disorders, Arabian Gulf University, Bahrain.

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<
NCBI Official Symbol	fn1
NCBI Official Synonym Symbols	fibronectin
NCBI Protein Information	fibronectin
UniProt Protein Name	Fibronectin
UniProt Gene Name	fn1
UniProt Synonym Gene Names	FN
UniProt Entry Name	FINC_XENLA

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/human-elisa-kits/fibronectin-fn/139148>