

Mouse fibronectin 1 ELISA Kit | FN1 elisa kit

Mouse Fibronectin, FN ELISA Kit

CATALOG #
AAA80041

REACTIVITY
Mouse

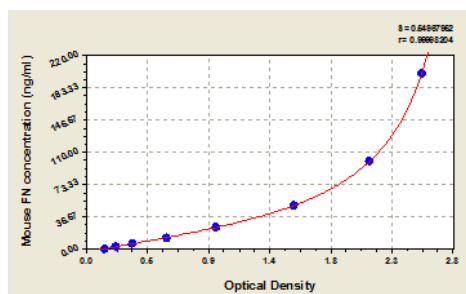
PRODUCT SYNONYMS

fibronectin 1; Mouse Fibronectin; FN 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	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse FN. No significant cross-reactivity or interference between mouse FN and analogues was observed.
Sequence Length	2477
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	3.12 ng/ml - 200 ng/ml.
Sensitivity	The minimum detectable dose of mouse FN is typically less than 0.78 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FN1 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FN is added to the wells. After washing, avidin 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 FN bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46849812
NCBI GeneID	14268
NCBI Accession #	NP_034363.1
NCBI GenBank Nucleotide #	NM_010233.2
UniProt Accession #	P11276; Q61567; Q61568; Q61569; Q64233; Q80UI4; G5E8B8
Molecular Weight	272,538 Da
NCBI Official Full Name	fibronectin isoform a
NCBI Official Synonym Full Names	fibronectin 1
NCBI Official Symbol	Fn1
NCBI Official Synonym Symbols	Fn; Fn-1; E330027I09
NCBI Protein Information	fibronectin
UniProt Protein Name	Fibronectin
UniProt Gene Name	Fn1
UniProt Synonym Gene Names	FN
UniProt Entry Name	FINC_MOUSE

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/fn1-mouse-elisa-kits/fibronectin-1/80041>