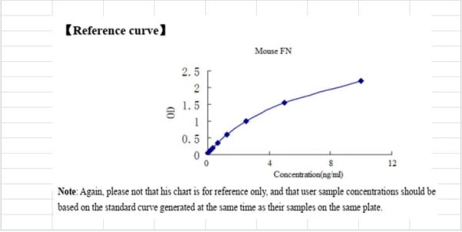
Fibronectin (FN) ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	Fibronectin (FN), ELISA Kit
Full Product Name	Mouse Fibronectin (FN) Elisa kit
Product Gene Name	FN elisa kit
Species Reactivity	Mouse
Assay Type	Sandwich
Detection Range	10 ng/mL-0.156 ng/mL
Sensitivity	Up to 0.05 ng/mL
Specificity	No cross-reaction with other factors.
Preparation and Storage	Store all reagents at 2-8 degree C.
Inter-assay Precision	<= 12%
Intra-assay Precision	<= 8%
Molecular Weight	272,680 Da
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for FN elisa kit	Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Mouse FN monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.
Other Notes	Small volumes of FN elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FN purchase	MBS267245 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Fibronectin (FN) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing FN. The ELISA analytical biochemical technique of the MBS267245 kit is based on FN antibody-FN antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect FN antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, FN. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).



Typical Testing Data/Standard Curve (for reference only) of FN elisa kit

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FN. It may not necessarily be applicable to this product.

NCBI GI #	148237139
NCBI GeneID	397744
NCBI Accession #	NP_001081270.1
UniProt Related Accession #	Q91740
GenBank Nucleotide #	NM_001087801.1
NCBI Official Full Name	fibronectin
NCBI Official Synonym Full Names	fibronectin 1<
NCBI Official Symbol	fn1
NCBI Official Synonym Symbols	fibronectin
UniProt Protein Name	Fibronectin
Protein Family	Fibronectin
UniProt Gene Name	fn1
UniProt Synonym Gene Names	FN
UniProt Entry Name	FINC_XENLA
NCBI Protein Information	fibronectin; FN; gene C
UniProt Comments for FN	Fibronectins bind cell surfaces and various compounds including collagen, fibrin, heparin, DNA, and actin. Fibronectins are involved in cell adhesion, cell motility, opsonization, wound healing, and maintenance of cell shape. May be involved in osteoblast compaction ().
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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