

Rat Fibronectin / FN ELISA Kit | FN elisa kit

Fibronectin / FN Rat ELISA Kit

CATALOG # AAA58907	REACTIVITY Rat	APPLICATIONS ELISA
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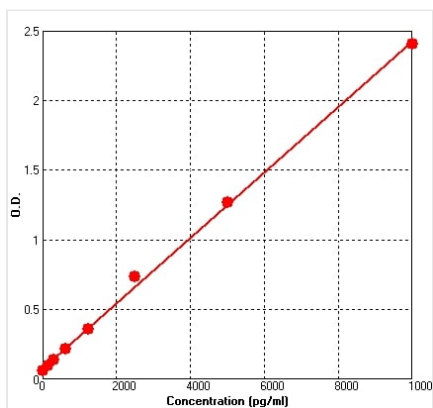
PRODUCT SYNONYMS

Fibronectin / FN; Fibronectin / FN Rat ELISA Kit; Rat Fibronectin / FN; FN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Detection Range	156 pg/ml-10,000 pg/ml
Sensitivity	< 15 pg/ml
Assay Type	Sandwich
Applicable Applications for FN elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FN elisa kit

Background/Introduction: Fibronectin is a high-molecular weight (~440kDa) glycoprotein of the extracellular matrix, belongs to a family of high molecular weight glycoproteins that are present on cell surfaces, in extracellular fluids, connective tissues, and basement membranes. Two major forms of fibronectin exist: a plasma soluble form and a cellular form. It plays a major role in cell adhesion, growth, migration, and differentiation, and it is important for processes such as wound healing and embryonic development. Fibronectin has been implicated in carcinoma development, and also acts as a potential biomarker for radioresistance.

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Fibronectin polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Fibronectin polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Fibronectin amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Fibronectin can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15866738
NCBI GeneID	2335
UniProt Accession #	P02751 ; O95609 ; O95610 ; Q14312 ; Q14325 ; Q14326 ; Q17RV7 ; Q564H7 ; Q585T2 ; B7ZLF0 ; E9PE77 ; E9PG29
Molecular Weight	262,625 Da
NCBI Official Full Name	fibronectin
NCBI Official Synonym Full Names	fibronectin 1
NCBI Official Symbol	FN1
NCBI Official Synonym Symbols	FN; CIG; FNZ; MSF; ED-B; FINC; GFND; LETS; GFND2
NCBI Protein Information	fibronectin; cold-insoluble globulin; migration-stimulating factor
UniProt Protein Name	Fibronectin
UniProt Gene Name	FN1
UniProt Synonym Gene Names	FN; FN; CIG
UniProt Entry Name	FINC_HUMAN

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/rat-elisa-kits/fibronectin-fn/58907>