

## Human fibronectin (FN) autoantibody ELISA Kit | fn1 elisa kit

Human fibronectin, FN autoantibody ELISA Kit

CATALOG #  
**AAA112535**

REACTIVITY  
**Human**

### PRODUCT SYNONYMS

fibronectin (FN) autoantibody; Human fibronectin; FN autoantibody ELISA Kit; Human fibronectin (FN) autoantibody ELISA Kit; fn1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                   |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of human fibronectin (FN) autoantibody. No significant cross-reactivity or interference between human fibronectin (FN) autoantibody and analogues was observed. |
| Sequence Length         | 2481                                                                                                                                                                                                                                    |
| Samples                 | Serum, plasma                                                                                                                                                                                                                           |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.                                                                                       |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<15%. 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

| TYPICAL DATA     |               |             |
|------------------|---------------|-------------|
| Test parameter   | specification | test result |
| Positive control | >1.0          | 1.687       |
| Negative control | <0.2          | 0.165       |
| Positive rate    | 10, Positive  | 100%        |
| Negative rate    | 10, Negative  | 100%        |

Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for fn1 elisa kit

Principle of the Assay: This assay employs the qualitative enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with antigen. Samples are pipetted into the wells with anti-human immunoglobulin conjugated Horseradish Peroxidase (HRP). Any antibodies specific for the antigen present will bind to the pre-coated antigen. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of human fibronectin (FN) autoantibody bound in the initial step. The color development is stopped and the intensity of the color is measured.

### NCBI AND UNIPROT INFORMATION

|             |           |
|-------------|-----------|
| NCBI GI #   | 148237139 |
| NCBI GeneID | 397744    |

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI Accession #                 | <a href="#">NP_001081270.1</a> |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001087801.1</a> |
| UniProt Accession #              | <a href="#">Q91740</a>         |
| 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; FN; gene C        |
| UniProt Protein Name             | Fibronectin                    |
| UniProt Gene Name                | <b>fn1</b>                     |
| 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://stage.aaabiotech.com/human-elisa-kits/fibronectin-fn-autoantibody/112535>