

Human Plasma fibronectin ELISA Kit | PFN elisa kit

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CATALOG #
AAA85697

REACTIVITY
Human

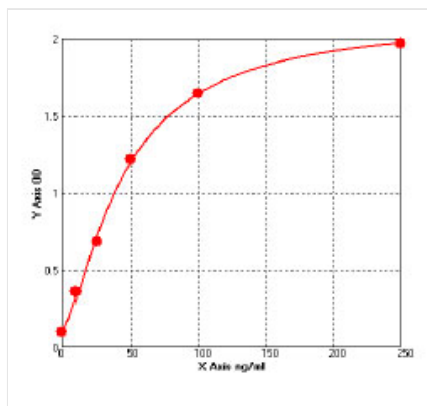
PRODUCT SYNONYMS

Plasma fibronectin; Human Plasma fibronectin ELISA Kit; PFN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FBN. No significant cross-reactivity or interference between FBN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FBN and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Intended Uses	This PFN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PFN. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PFN elisa kit	Principle of the Assay: FBN ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for FBN. Standards or samples are then added to the microtiter plate wells and FBN if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FBN present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for FBN are added to each well to "sandwich" the FBN immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain FBN and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FBN concentration in each sample is interpolated from this standard curve. Intended Uses: This FBN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FBN. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for PFN elisa kit	Cardiovascular

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/pfn-human-elisa-kits/plasma-fibronectin/85697>