

Human Fibrillin 3 ELISA Kit | FBN3 elisa kit

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CATALOG #
AAA85901

REACTIVITY
Human

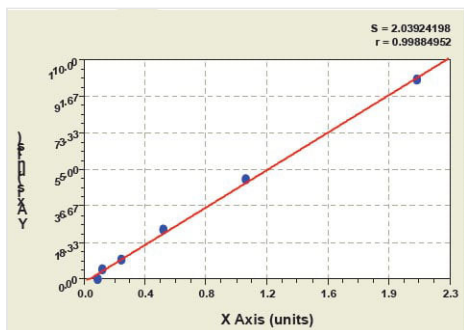
PRODUCT SYNONYMS

Fibrillin 3; Human Fibrillin 3 ELISA Kit; FBN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This FBN3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FBN3. 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 FBN3 elisa kit

Principle of the Assay: FBN3 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for FBN3. Standards or samples are then added to the microtiter plate wells and FBN3 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FBN3 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for FBN3 are added to each well to "sandwich" the FBN3 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 FBN3 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 FBN3 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	56237021
NCBI GeneID	84467
NCBI Accession #	NP_115823.3
NCBI GenBank Nucleotide #	NM_032447.3
Molecular Weight	300,356 Da
NCBI Official Full Name	fibrillin-3
NCBI Official Synonym Full Names	fibrillin 3
NCBI Official Symbol	FBN3
NCBI Protein Information	fibrillin-3
UniProt Protein Name	Fibrillin-3
UniProt Gene Name	FBN3
UniProt Synonym Gene Names	KIAA1776
UniProt Entry Name	FBN3_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/fbn3-human-elisa-kits/fibrillin-3/85901>