

Rat Fibrillin 1 ELISA Kit | FBN1 elisa kit

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CATALOG #
AAA83879

REACTIVITY
Rat

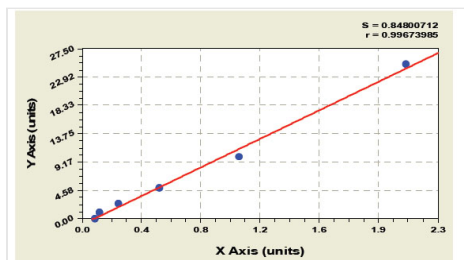
PRODUCT SYNONYMS

Fibrillin 1; Rat Fibrillin 1 ELISA Kit; FBN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/ml
Intended Uses	This FBN1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat FBN1. 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 FBN1 elisa kit

Principle of the Assay: FBN1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for FBN1. Standards or samples are then added to the microtiter plate wells and FBN1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FBN1 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for FBN1 are added to each well to "sandwich" the FBN1 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 FBN1 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 FBN1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for FBN1 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	281485550
NCBI GeneID	2200
NCBI Accession #	NP_000129.3
NCBI GenBank Nucleotide #	NM_000138.4
Molecular Weight	312,237 Da
NCBI Official Full Name	fibrillin-1
NCBI Official Synonym Full Names	fibrillin 1
NCBI Official Symbol	FBN1
NCBI Official Synonym Symbols	FBN; SGS; WMS; MASS; MFS1; OCTD; SSKS; WMS2; ACMICD; ECTOL1; GPHYSD2
NCBI Protein Information	fibrillin-1; fibrillin 15
UniProt Protein Name	Fibrillin-1
UniProt Gene Name	FBN1
UniProt Synonym Gene Names	FBN
UniProt Entry Name	FBN1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/fbn1-rat-elisa-kits/fibrillin-1/83879>