

Human Fibulin ELISA Kit | FBLN elisa kit

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CATALOG #
AAA93794

REACTIVITY
Human

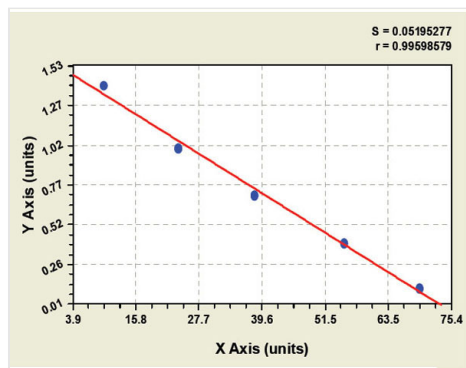
PRODUCT SYNONYMS

Fibulin; Human Fibulin ELISA Kit; FBLN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This FBLN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat FBLN. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for FBLN elisa kit

Principle of the Assay: FBLN ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FBLN antibody and an FBLN-HRP conjugate. The assay sample and buffer are incubated together with FBLN-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FBLN concentration since FBLN from samples and FBLN-HRP conjugate compete for the anti-FBLN antibody binding site. Since the number of sites is limited, as more sites are occupied by FBLN from the sample, fewer sites are left to bind FBLN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FBLN concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119593791
NCBI GeneID	2192
Molecular Weight	74,434 Da
NCBI Official Full Name	fibulin 1, isoform CRA_a
NCBI Official Synonym Full Names	fibulin 1
NCBI Official Symbol	FBLN1
NCBI Official Synonym Symbols	FBLN; FIBL1
NCBI Protein Information	fibulin-1
UniProt Protein Name	Fibulin-1
UniProt Gene Name	FBLN1
UniProt Synonym Gene Names	PP213; FIBL-1
UniProt Entry Name	FBLN1_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/fbln-human-elisa-kits/fibulin/93794>