

Human Fibulin-2 ELISA Kit | FBLN2 elisa kit

Human Fibulin-2 ELISA Kit

CATALOG #
AAA97970

REACTIVITY
Human

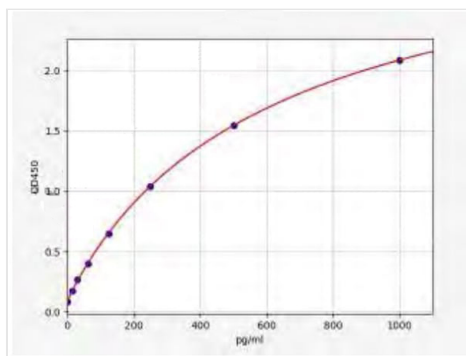
PRODUCT SYNONYMS

Fibulin-2; Human Fibulin-2 ELISA Kit; FBLN2/Fibulin-2/FIBL-2; FBLN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize FBLN2, no obvious cross reaction with other analogues
Sequence Length	1231
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FBLN2 elisa kit	Background: Fibulin-2 is an extracellular matrix glycoprotein that interacts with various matrix components such as fibronectin, laminin, and tropoelastin. It plays a role in cell adhesion, migration, and tissue remodeling. Fibulin-2 is involved in the regulation of vascular development, elastic fiber assembly, and tumorigenesis. Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti FBLN2 antibody was precoated onto the 96-well plate. The biotin conjugated anti FBLN2 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with FBLN2 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of FBLN2 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	259013547
NCBI GeneID	2199
NCBI Accession #	NP_001158507.1
NCBI GenBank Nucleotide #	NM_001165035.1
Molecular Weight	131,863 Da
NCBI Official Full Name	fibulin-2 isoform a
NCBI Official Synonym Full Names	fibulin 2
NCBI Official Symbol	FBLN2
NCBI Protein Information	fibulin-2
UniProt Protein Name	Fibulin-2
UniProt Gene Name	FBLN2
UniProt Synonym Gene Names	FIBL-2
UniProt Entry Name	FBLN2_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/fbln2-human-elisa-kits/fibulin-2/97970>