

Porcine Fibulin ELISA Kit | FBLN elisa kit

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CATALOG #
AAA94114

REACTIVITY
Porcine

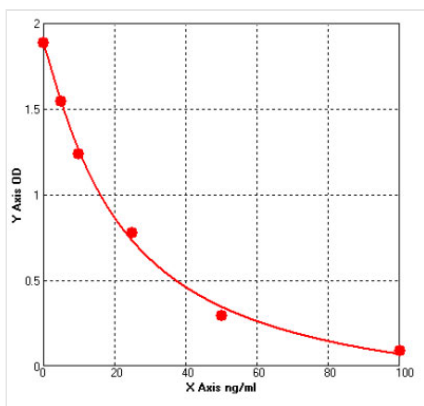
PRODUCT SYNONYMS

Fibulin; Porcine Fibulin ELISA Kit; FBLN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of FBLN1. No significant cross-reactivity or interference between FBLN1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FBLN1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FBLN elisa kit	Principle of the Assay: FBLN1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FBLN1 antibody and an FBLN1-HRP conjugate. The assay sample and buffer are incubated together with FBLN1-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 FBLN1 concentration since FBLN1 from samples and FBLN1-HRP conjugate compete for the anti-FBLN1 antibody binding site. Since the number of sites is limited, as more sites are occupied by FBLN1 from the sample, fewer sites are left to bind FBLN1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FBLN1 concentration in each sample is interpolated from this standard curve. Intended Uses: This FBLN1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine FBLN1. This ELISA kit for research use only, not for therapeutic or test applications!
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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-porcine-elisa-kits/fibulin/94114>