

Bovine Fibulin 5 ELISA Kit | FBLN5 elisa kit

Bovine Fibulin 5 ELISA Kit

CATALOG #
AAA90707

REACTIVITY
Bovine

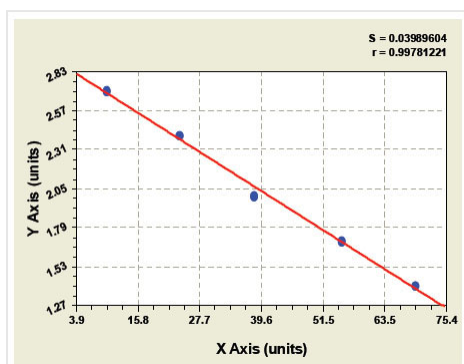
PRODUCT SYNONYMS

Fibulin 5; Bovine Fibulin 5 ELISA Kit; FBLN5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This FBLN5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine FBLN5. 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 FBLN5 elisa kit

Principle of the Assay: FBLN5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FBLN5 antibody and an FBLN5-HRP conjugate. The assay sample and buffer are incubated together with FBLN5-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 FBLN5 concentration since FBLN5 from samples and FBLN5-HRP conjugate compete for the anti-FBLN5 antibody binding site. Since the number of sites is limited, as more sites are occupied by FBLN5 from the sample, fewer sites are left to bind FBLN5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FBLN5 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for FBLN5 elisa kit
[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	19743803
NCBI GeneID	10516
NCBI Accession #	NP_006320.2
NCBI GenBank Nucleotide #	NM_006329.3
Molecular Weight	50,180 Da
NCBI Official Full Name	fibulin-5
NCBI Official Synonym Full Names	fibulin 5
NCBI Official Symbol	FBLN5
NCBI Official Synonym Symbols	EVEC; UP50; ADCL2; ARMD3; DANCE; ARCL1A; FIBL-5
NCBI Protein Information	fibulin-5; urine p50 protein; developmental arteries and neural crest EGF-like protein
UniProt Protein Name	Fibulin-5
UniProt Gene Name	FBLN5
UniProt Synonym Gene Names	DANCE; UNQ184/PRO210; FIBL-5; Dance; UP50
UniProt Entry Name	FBLN5_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/fbln5-bovine-ovine-elisa-kits/fibulin-5/90707>