

Chicken Fibrillin 3 ELISA Kit | FBN3 elisa kit

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CATALOG # AAA93610	REACTIVITY Chicken
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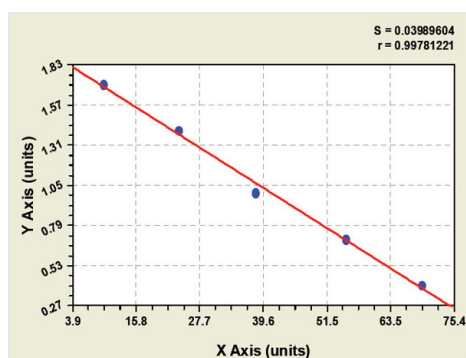
PRODUCT SYNONYMS

Fibrillin 3; Chicken Fibrillin 3 ELISA Kit; FBN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This FBN3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken FBN3. 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 FBN3 elisa kit	Principle of the Assay: FBN3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FBN3 antibody and an FBN3-HRP conjugate. The assay sample and buffer are incubated together with FBN3-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 FBN3 concentration since FBN3 from samples and FBN3-HRP conjugate compete for the anti-FBN3 antibody binding site. Since the number of sites is limited, as more sites are occupied by FBN3 from the sample, fewer sites are left to bind FBN3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FBN3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for FBN3 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	56237021
NCBI GeneID	84467
NCBI Accession #	NP_115823.3
NCBI GenBank Nucleotide #	NM_032447.3
UniProt Accession #	Q75N90; Q75N91; Q75N92; Q75N93; Q86SJ5; Q96JP8; Q6ZNB8
Molecular Weight	300,356 Da
NCBI Official Full Name	fibrillin-3
NCBI Official Synonym Full Names	fibrillin 3
NCBI Official Symbol	FBN3
NCBI Protein Information	fibrillin-3
UniProt Protein Name	Fibrillin-3
UniProt Gene Name	FBN3
UniProt Synonym Gene Names	KIAA1776
UniProt Entry Name	FBN3_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/fbn3-chicken-elisa-kits/fibrillin-3/93610>