

Guinea Pig Fibrillarin ELISA Kit | Fb elisa kit

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CATALOG #
AAA84110

REACTIVITY
Guinea Pig

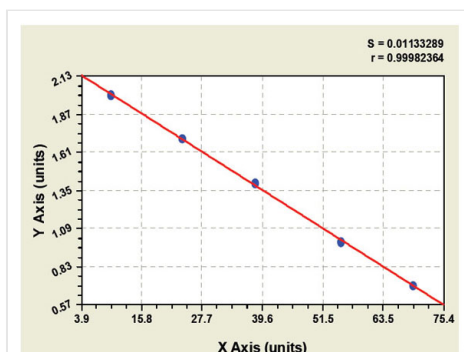
PRODUCT SYNONYMS

Fibrillarin; Guinea pig Fibrillarin ELISA Kit; Fb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Fb elisa kit

For Samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

Intended Uses: This FBL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig FBL. This ELISA kit for research use only!

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

Product Categories/Family for Fb elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	48146255
NCBI GeneID	2091
UniProt Accession #	P22087; O75259; Q6IAT5; Q9UPI6; B5BUE8
Molecular Weight	33,784 Da
NCBI Official Full Name	FBL
NCBI Official Synonym Full Names	fibrillarin
NCBI Official Symbol	FBL
NCBI Official Synonym Symbols	FIB; FLRN; RNU3IP1
NCBI Protein Information	rRNA 2'-O-methyltransferase fibrillarin; 34-kD nucleolar scleroderma antigen; histone-glutamine methyltransferase; 34 kDa nucleolar scleroderma antigen; RNA, U3 small nucleolar interacting protein 1
UniProt Protein Name	rRNA 2'-O-methyltransferase fibrillarin
UniProt Gene Name	FBL
UniProt Synonym Gene Names	FIB1; FLRN
UniProt Entry Name	FBRL_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/fb-guinea-pig-pig-elisa-kits/fibrillarin/84110>