

Rat Coagulation Factor XIII B Polypeptide ELISA Kit | F13B elisa kit

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CATALOG #
AAA86539

REACTIVITY
Rat

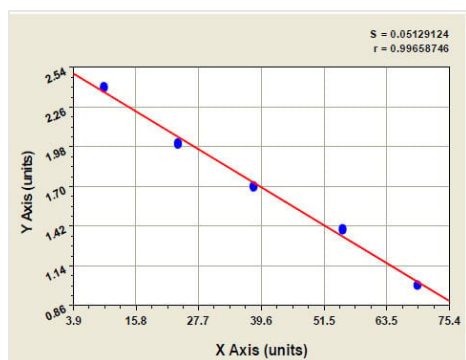
PRODUCT SYNONYMS

Coagulation Factor XIII B Polypeptide; Rat Coagulation Factor XIII B Polypeptide ELISA Kit; F13B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This F13B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat F13B. 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 F13B elisa kit

Principle of the assay: F13B ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-F13B antibody and an F13B-HRP conjugate. The assay sample and buffer are incubated together with F13B-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 F13B concentration since F13B from samples and F13B-HRP conjugate compete for the anti-F13B antibody binding site. Since the number of sites is limited, as more sites are occupied by F13B from the sample, fewer sites are left to bind F13B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The F13B concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	110611237
NCBI GeneID	2165
NCBI Accession #	NP_001985.2
NCBI GenBank Nucleotide #	NM_001994.2
Molecular Weight	75,511 Da
NCBI Official Full Name	coagulation factor XIII B chain
NCBI Official Synonym Full Names	coagulation factor XIII, B polypeptide
NCBI Official Symbol	F13B
NCBI Official Synonym Symbols	FXIIIB
NCBI Protein Information	coagulation factor XIII B chain; TGase; transglutaminase B chain; fibrin-stabilizing factor B subunit; protein-glutamine gamma-glutamyltransferase B chain
UniProt Protein Name	Coagulation factor XIII B chain
UniProt Gene Name	F13B
UniProt Entry Name	F13B_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/f13b-rat-elisa-kits/coagulation-factor-xiii-b-polypeptide/86539>