

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

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CATALOG #
AAA96170

REACTIVITY
Canine

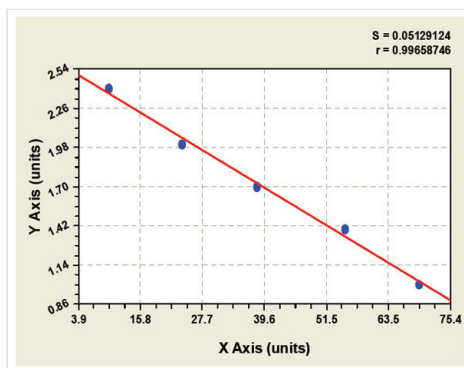
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This F13B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine F13B. This ELISA kit for research use only, not for therapeutic applications
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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.
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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-canine-elisa-kits/coagulation-factor-xiii-b-polypeptide/96170>