

Canine Coagulation Factor XIII A1 Polypeptide ELISA Kit | F13A1 elisa kit

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CATALOG #
AAA92911

REACTIVITY
Canine

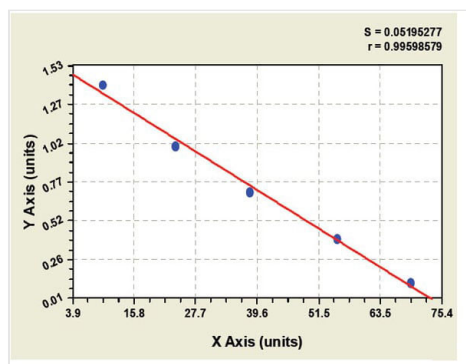
PRODUCT SYNONYMS

Coagulation Factor XIII A1 Polypeptide; Canine Coagulation Factor XIII A1 Polypeptide ELISA Kit; F13A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This F-Hb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine F-Hb. 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 F13A1 elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	182890876
NCBI GeneID	561287
Molecular Weight	83,579 Da
NCBI Official Full Name	F13a1 protein
NCBI Official Synonym Full Names	coagulation factor XIII, A1 polypeptide b
NCBI Official Symbol	f13a1b
NCBI Official Synonym Symbols	f13a1; wu:fo83d04; zgc:153334
NCBI Protein Information	coagulation factor XIII A chain; fo83d04; FX111a-87
UniProt Protein Name	Coagulation factor XIII, A1 polypeptide
UniProt Gene Name	f13a1b
UniProt Synonym Gene Names	f13a1
UniProt Entry Name	Q08CA3_DANRE

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/f13a1-canine-elisa-kits/coagulation-factor-xiii-a1-polypeptide/92911>