

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

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CATALOG #
AAA84378

REACTIVITY
Human

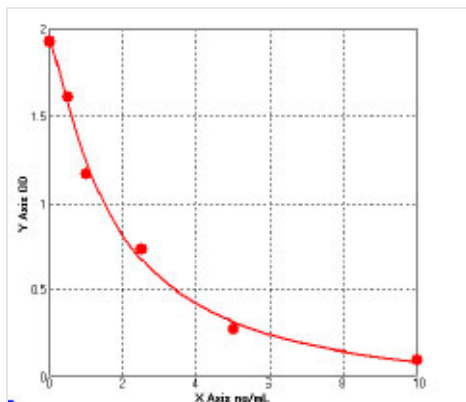
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of F13A1. No significant cross-reactivity or interference between F13A1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between F13A1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F13A1 elisa kit	Intended Uses: This F13A1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human F13A1. This ELISA kit for research use only! Principle of the Assay: F13A1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-F13A1 antibody and an F13A1-HRP conjugate. The assay sample and buffer are incubated together with F13A1-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 F13A1 concentration since F13A1 from samples and F13A1-HRP conjugate compete for the anti-F13A1 antibody binding site. Since the number of sites is limited, as more sites are occupied by F13A1 from the sample, fewer sites are left to bind F13A1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The F13A1 concentration in each sample is interpolated from this standard curve.
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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-human-elisa-kits/coagulation-factor-xiii-a1-polypeptide/84378>