

Rat Coagulation Factor XIII A1 Polypeptide (F13A1) ELISA Kit | F13A1 elisa kit

Rat Coagulation Factor XIII A1 Polypeptide (F13A1) ELISA Kit

CATALOG #
AAA66407

REACTIVITY
Rat

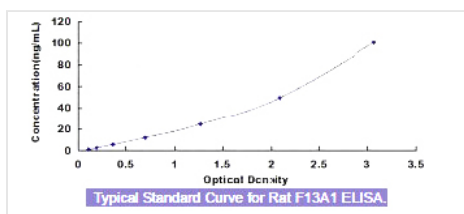
PRODUCT SYNONYMS

Coagulation Factor XIII A1 Polypeptide (F13A1); Rat Coagulation Factor XIII A1 Polypeptide (F13A1) ELISA Kit; F13-A1; FXIIIA1; Protein-glutamine gamma-glutamyltransferase A chain; Transglutaminase A chain; Coagulation factor XIII A chain; F13A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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.
Sequence Length	732
Samples	Plasma.
Assay Type	Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.56ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level F13A1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level F13A1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F13A1 elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of F13A1 in rat plasma. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to F13A1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to F13A1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain F13A1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of F13A1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	158186711
NCBI GeneID	60327
NCBI Accession #	NP_067730.2
NCBI GenBank Nucleotide #	NM_021698.2
UniProt Accession #	O08619
Molecular Weight	82,659 Da
NCBI Official Full Name	coagulation factor XIII A chain
NCBI Official Synonym Full Names	coagulation factor XIII A1 chain
NCBI Official Symbol	F13a1
NCBI Official Synonym Symbols	F13a
NCBI Protein Information	coagulation factor XIII A chain
UniProt Protein Name	Coagulation factor XIII A chain
UniProt Gene Name	F13a1
UniProt Synonym Gene Names	F13a; Coagulation factor XIIIa

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/coagulation-factor-xiii-a1-polypeptide-f13a1/66407>