

Rat coagulation factor XIII, A1 polypeptide ELISA Kit | F13A1 elisa kit

Rat coagulation factor XIII, FXIII ELISA Kit

CATALOG #
AAA80629

REACTIVITY
Rat

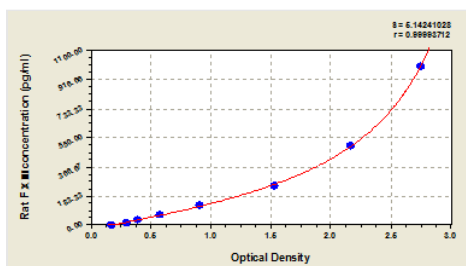
PRODUCT SYNONYMS

coagulation factor XIII; A1 polypeptide; Rat coagulation factor XIII; FXIII ELISA Kit; RP11-232H4.1; F13A; FSF; A subunit; TGase; bA525O21.1 (coagulation factor XIII; A1 polypeptide) ; coagulation factor XIII A1 subunit coagulation factor XIII; A polypeptide; factor XIIIa; fibrin stabilizin; F13A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat F13A1. No significant cross-reactivity or interference between Rat F13A1 and analogues was observed.
Sequence Length	732
Samples	Serum, plasma
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Blood Coagulation
Protein Biological Process 3	Blood coagulation
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F13A1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FXIII. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for FXIII and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain FXIII, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of FXIII in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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 polypeptide
NCBI Official Symbol	F13a1
NCBI Official Synonym Symbols	F13a
NCBI Protein Information	coagulation factor XIII A chain; coagulation factor XIIIa; transglutaminase A chain; coagulation factor XIII, A1 subunit; protein-glutamine gamma-glutamyltransferase A chain
UniProt Protein Name	Coagulation factor XIII A chain
UniProt Gene Name	F13a1
UniProt Synonym Gene Names	F13a; Coagulation factor XIIIa
UniProt Entry Name	F13A_RAT

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-rat-elisa-kits/coagulation-factor-xiii-a1-polypeptide/80629>