

Human Coagulation factor XII ELISA Kit | F12 elisa kit

Human Coagulation factor XII ELISA Kit

CATALOG #
AAA102330

REACTIVITY
Human

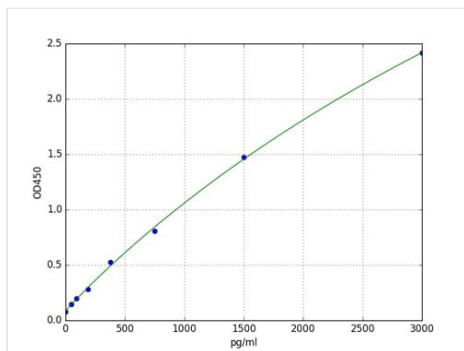
PRODUCT SYNONYMS

Coagulation factor XII; Human Coagulation factor XII ELISA Kit; F12 (Coagulation factor XII)/HAEX/Hageman factor/HAE3/HAF; F12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	612
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	3.125-200ng/ml
Sensitivity	1.875ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human F12 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	46.9	93.8	187.5	375	750	1500	3000
Y	OD450	0.047	0.079	0.155	0.267	0.522	0.854	1.527	2.115

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F12 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human F12 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human F12 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human F12 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human F12 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

182292

NCBI GeneID	2161
Molecular Weight	67,792 Da
NCBI Official Full Name	coagulation factor XII, partial
NCBI Official Synonym Full Names	coagulation factor XII
NCBI Official Symbol	F12
NCBI Official Synonym Symbols	HAF; HAE3; HAEX
NCBI Protein Information	coagulation factor XII
UniProt Protein Name	Coagulation factor XII
UniProt Gene Name	F12
UniProt Synonym Gene Names	HAF
UniProt Entry Name	FA12_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/f12-human-elisa-kits/coagulation-factor-xii/102330>