

Mouse coagulation Factor XII ELISA Kit | FXII elisa kit

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CATALOG #
AAA84540

REACTIVITY
Mouse

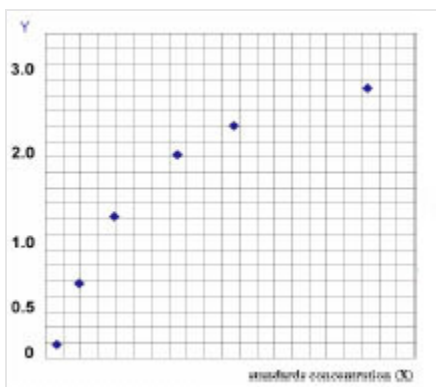
PRODUCT SYNONYMS

coagulation Factor XII; Mouse coagulation Factor XII ELISA Kit; Mouse coagulation Factor XII (FXII) ELISA Kit; coagulation Factor XII (Mouse); FXII elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FXII elisa kit

Intended Uses: This FXII ELISA kit is intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of FXII in the sample, this FXII ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus FXII concentration. The concentration of FXII in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: This FXII enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for FXII. Standards or samples are then added to the microtiter plate wells and FXII if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FXII present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for FXII are added to each well to "sandwich" the FXII immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain FXII and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4165317
NCBI GeneID	397474
UniProt Accession #	O97507
Molecular Weight	68,012 Da
NCBI Official Full Name	FXII
NCBI Official Symbol	F12
NCBI Official Synonym Symbols	FXII
NCBI Protein Information	coagulation factor XII; HAF; hageman factor
UniProt Protein Name	Coagulation factor XII
UniProt Gene Name	F12
UniProt Entry Name	FA12_PIG

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.