

Rat coagulation Factor XII ELISA Kit | FXII elisa kit

Rat coagulation Factor XII ELISA Kit

CATALOG #
AAA87264

REACTIVITY
Rat

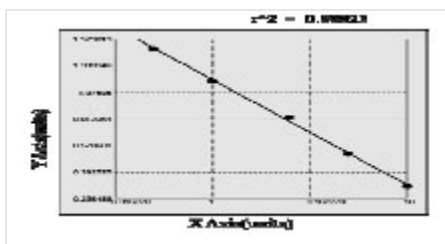
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
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 FXII elisa kit

Intended Uses||This F12 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat F12. This ELISA kit for research use only!

Principle of the Assay: F12 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-F12 antibody and an F12-HRP conjugate. The assay sample and buffer are incubated together with F12-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 F12 concentration since F12 from samples and F12-HRP conjugate compete for the anti-F12 antibody binding site. Since the number of sites is limited, as more sites are occupied by F12 from the sample, fewer sites are left to bind F12-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The F12 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for FXII elisa kit

Rat ELISA Kit

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/fxii-rat-elisa-kits/coagulation-factor-xii/87264>