

Goat Coagulation Factor II ELISA Kit | F II elisa kit

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CATALOG #
AAA92221

REACTIVITY
Goat

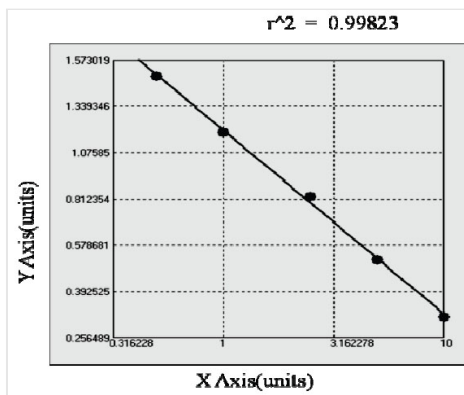
PRODUCT SYNONYMS

Coagulation Factor II; Goat Coagulation Factor II ELISA Kit; F II elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This FII ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat FII. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F II elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	291618955
NCBI Accession #	YP_003521697.1
NCBI GenBank Nucleotide #	NC_013956.2
Molecular Weight	18,963 Da
NCBI Official Full Name	FII
UniProt Protein Name	FII
UniProt Gene Name	FII
UniProt Synonym Gene Names	PANA_3402
UniProt Entry Name	D4GN77_PANAM

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/f-ii-goat-elisa-kits/coagulation-factor-ii/92221>