

Human Coagulation Factor VIII ELISA Kit | F8 elisa kit

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CATALOG #
AAA93760

REACTIVITY
Human

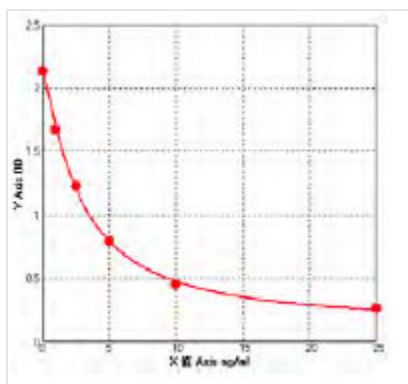
PRODUCT SYNONYMS

Coagulation Factor VIII; Human Coagulation Factor VIII ELISA Kit; F8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative 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 F8 elisa kit

Intended Uses: This FVIII ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FVIII. This ELISA kit for research use only!

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	284005234
NCBI GeneID	100303761
NCBI Accession #	NP_001164742.1
NCBI GenBank Nucleotide #	NM_001171271.1
NCBI Official Full Name	coagulation factor VIII
NCBI Official Symbol	F8
NCBI Protein Information	coagulation factor VIII

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/f8-human-elisa-kits/coagulation-factor-viii/93760>