

Human coagulation factor VIII, procoagulant component ELISA Kit | F8 elisa kit

Human coagulation factor VIII, FVIII ELISA Kit

CATALOG #
AAA15040

REACTIVITY
Human

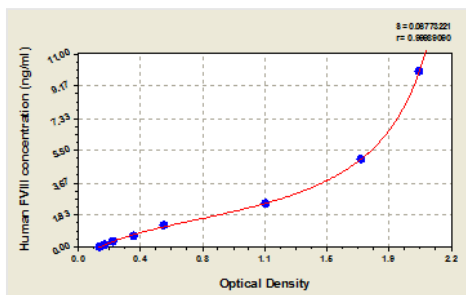
PRODUCT SYNONYMS

coagulation factor VIII; procoagulant component; Human coagulation factor VIII; FVIII ELISA Kit; Human coagulation factor VIII (FVIII) ELISA Kit; RP11-115M6.7; AHF; DXS1253E; F8B; F8C; FVIII; HEMA; coagulation factor VIIIc; factor VIII F8B; F8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human FVIII. No significant cross-reactivity or interference between human FVIII and analogues was observed.
Sequence Length	2351
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	12.5 ng/ml-800 ng/ml
Sensitivity	< 3.12 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F8 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FVIII has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FVIII present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FVIII is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FVIII bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503647
NCBI GeneID	2157
NCBI Accession #	NP_000123.1
NCBI GenBank Nucleotide #	NM_000132.3
UniProt Accession #	P00451; Q14286; Q5HY69
Molecular Weight	267,009 Da
NCBI Official Full Name	coagulation factor VIII isoform a
NCBI Official Synonym Full Names	coagulation factor VIII, procoagulant component
NCBI Official Symbol	F8
NCBI Official Synonym Symbols	AHF; F8B; F8C; HEMA; FVIII; DXS1253E
NCBI Protein Information	coagulation factor VIII; factor VIII F8B; antihemophilic factor; coagulation factor VIIIc
UniProt Protein Name	Coagulation factor VIII
UniProt Gene Name	F8
UniProt Synonym Gene Names	F8C; AHF
UniProt Entry Name	FA8_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/f8-human-elisa-kits/coagulation-factor-viii-procoagulant-component/15040>