

Rabbit Coagulation factor VIII related antigen ELISA Kit | F8-Ag elisa kit

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CATALOG #
AAA83845

REACTIVITY
Rabbit

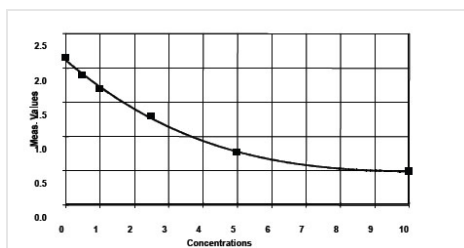
PRODUCT SYNONYMS

Coagulation factor VIII related antigen; Rabbit Coagulation factor VIII related antigen ELISA Kit; F8-Ag elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F8-Ag elisa kit

For Samples: Cell culture fluid & body fluid & tissue homogenate serum or blood plasma

Intended Uses: This F8R-Ag ELISA kit is intended for laboratory 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 F8R-Ag in the sample, this F8R-Ag 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 F8R-Ag concentration. The concentration of in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: The coated well immunoenzymatic assay for the quantitative measurement of F8R-Ag utilizes a polyclonal anti-F8R-Ag antibody and an F8R-Ag-HRP conjugate. The assay sample and buffer are incubated together with F8R-Ag-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 F8R-Ag concentration since F8R-Ag from samples and F8R-Ag-HRP conjugate compete for the anti-F8R-Ag antibody binding site. Since the number of sites is limited, as more sites are occupied by F8R-Ag from the sample, fewer sites are left to bind F8R-Ag-HRP conjugate. Standards of known F8R-Ag concentrations are run concurrently with the samples being assayed and a standard curve is plotted relating the intensity of the color (O.D.) to the concentration of F8R-Ag. The F8R-Ag concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503647
NCBI GeneID	2157
NCBI Accession #	NP_000123.1
NCBI GenBank Nucleotide #	NM_000132.3
Molecular Weight	24,641 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-ag-rabbit-elisa-kits/coagulation-factor-viii-related-antigen/83845>