

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

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CATALOG #
AAA86195

REACTIVITY
Mouse

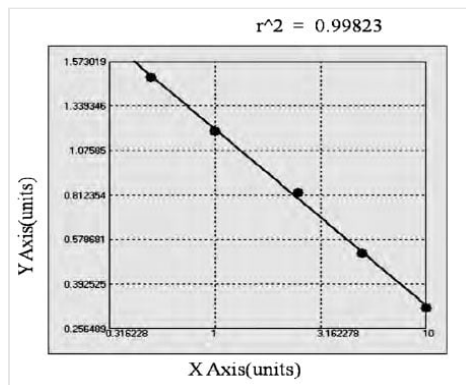
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This FVIII-Ag ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse FVIII-Ag. This ELISA kit for research use only, not for therapeutic applications!
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

Principle of the assay: FVIII-Ag ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FVIII-Ag antibody and an FVIII-Ag-HRP conjugate. The assay sample and buffer are incubated together with FVIII-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 FVIII-Ag concentration since FVIII-Ag from samples and FVIII-Ag-HRP conjugate compete for the anti-FVIII-Ag antibody binding site. Since the number of sites is limited, as more sites are occupied by FVIII-Ag from the sample, fewer sites are left to bind FVIII-Ag-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FVIII-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-mouse-elisa-kits/coagulation-factor-viii-related-antigen/86195>