

Human Anti Factor VIII antibody ELISA Kit | FVIII elisa kit

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CATALOG #
AAA17164

REACTIVITY
Human

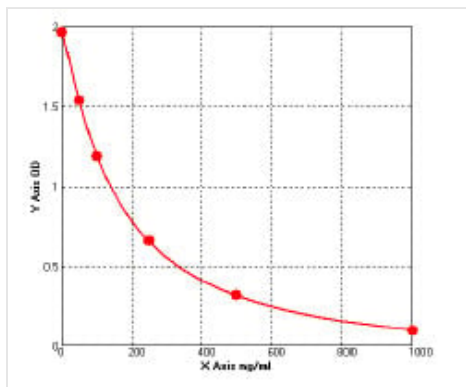
PRODUCT SYNONYMS

Anti Factor VIII antibody; Human Anti Factor VIII antibody ELISA Kit; FVIII elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of F8Ab. No significant cross-reactivity or interference between F8Ab and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between F8Ab and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FVIII elisa kit	Principle of the Assay: F8Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing Factor VIII antigen and an F8Ab-HRP conjugate. The assay sample and buffer are incubated together with F8Ab-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 F8Ab concentration since F8Ab from samples and F8Ab-HRP conjugate compete for the Factor VIII antigen binding site. Since the number of sites is limited, as more sites are occupied by F8Ab from the sample, fewer sites are left to bind F8Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The F8Ab concentration in each sample is interpolated from this standard curve. Intended Uses: This F8Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human F8Ab. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for FVIII elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	29125403
NCBI Official Full Name	FVIII, partial

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/fviii-human-elisa-kits/anti-factor-viii-antibody/17164>