

Human Factor VIII related antigen ELISA Kit | F8Ag elisa kit

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CATALOG #
AAA82371

REACTIVITY
Human

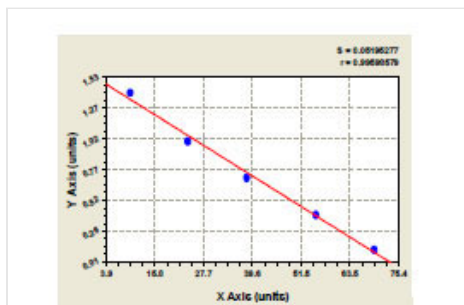
PRODUCT SYNONYMS

Factor VIII related antigen; Human Factor VIII related antigen ELISA Kit; Human F8Ag ELISA Kit; F8Ag ELISA Kit; F8Ag elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F8Ag elisa kit

Intended Uses: This F8Ag ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human F8Ag.

Principle of the Assay: F8Ag ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-F8Ag antibody and an F8Ag-HRP conjugate. The assay sample and buffer are incubated together with F8Ag-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 F8Ag concentration since F8Ag from samples and F8Ag-HRP conjugate compete for the anti-F8Ag antibody binding site. Since the number of sites is limited, as more sites are occupied by F8Ag from the sample, fewer sites are left to bind F8Ag-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The F8Ag concentration in each sample is interpolated from this standard curve.

Product Categories/Family for F8Ag elisa kit

Cardiovascular

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/f8ag-human-elisa-kits/factor-viii-related-antigen/82371>