

Monkey Anti-Factor VIII antibody ELISA Kit | FVIII elisa kit

Monkey Anti-Factor VIII antibody ELISA Kit

CATALOG # AAA95729	REACTIVITY Monkey
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PRODUCT SYNONYMS

Anti-Factor VIII antibody; Monkey Anti-Factor VIII antibody ELISA Kit; FVIII elisa kit

PRODUCT SPECIFICATIONS

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

ADDITIONAL INFORMATION

Related Product Information for FVIII elisa kit	Intended Uses: This anti-FVIII ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey anti-FVIII. This ELISA kit for research use only! Principle of the Assay: anti-FVIII ELISA kit applies the competitive enzyme immunoassay technique utilizing FVIII antigen and an anti-FVIII-HRP conjugate. The assay sample and buffer are incubated together with anti-FVIII-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 anti-FVIII concentration since anti-FVIII from samples and anti-FVIII-HRP conjugate compete for the FVIII antigen binding site. Since the number of sites is limited, as more sites are occupied by anti-FVIII from the sample, fewer sites are left to bind anti-FVIII-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The anti-FVIII concentration in each sample is interpolated from this standard curve.
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.