

Porcine Coagulation Factor VIII ELISA Kit | F8 elisa kit

Porcine Coagulation Factor VIII ELISA Kit

CATALOG #
AAA94749

REACTIVITY
Porcine

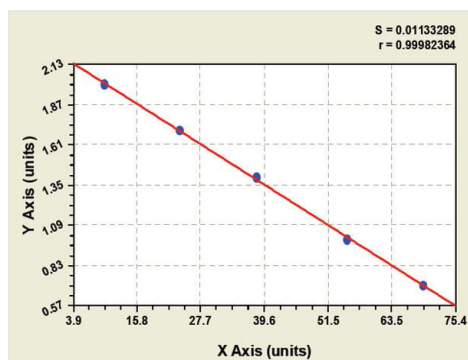
PRODUCT SYNONYMS

Coagulation Factor VIII; Porcine Coagulation Factor VIII ELISA Kit; F8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This F8 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine F8. 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 elisa kit

Principle of the assay: F8 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-F8 antibody and an F8-HRP conjugate. The assay sample and buffer are incubated together with F8-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 F8 concentration since F8 from samples and F8-HRP conjugate compete for the anti-F8 antibody binding site. Since the number of sites is limited, as more sites are occupied by F8 from the sample, fewer sites are left to bind F8-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The F8 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for F8 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	284005234
NCBI GeneID	100303761
NCBI Accession #	NP_001164742.1
NCBI GenBank Nucleotide #	NM_001171271.1
NCBI Official Full Name	coagulation factor VIII
NCBI Official Symbol	F8
NCBI Protein Information	coagulation factor VIII

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/f8-porcine-elisa-kits/coagulation-factor-viii/94749>