

Chicken Coagulation Factor X ELISA Kit | F10 elisa kit

Chicken Coagulation Factor X ELISA Kit

CATALOG #
AAA93112

REACTIVITY
Chicken

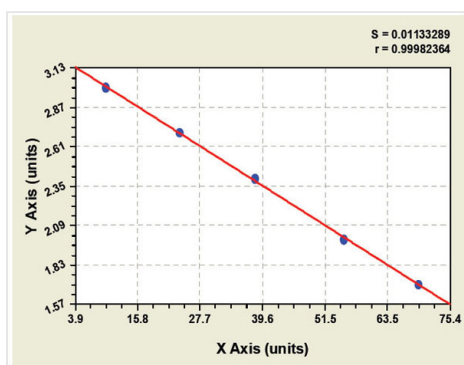
PRODUCT SYNONYMS

Coagulation Factor X; Chicken Coagulation Factor X ELISA Kit; F10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
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 F10 elisa kit

Intended Uses: This F10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken F10. This ELISA kit for research use only!

Principle of the Assay: F10 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-F10 antibody and an F10-HRP conjugate. The assay sample and buffer are incubated together with F10-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 F10 concentration since F10 from samples and F10-HRP conjugate compete for the anti-F10 antibody binding site. Since the number of sites is limited, as more sites are occupied by F10 from the sample, fewer sites are left to bind F10-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The F10 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for F10 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	182390
NCBI GeneID	2159
UniProt Accession #	P00742; Q14340; O15095; Q5JVE7
Molecular Weight	54,732 Da
NCBI Official Full Name	coagulation factor X
NCBI Official Synonym Full Names	coagulation factor X
NCBI Official Symbol	F10
NCBI Official Synonym Symbols	FX; FXA
NCBI Protein Information	coagulation factor X; factor Xa; prothrombinase; Stuart-Prower factor
UniProt Protein Name	Coagulation factor X
UniProt Gene Name	F10
UniProt Entry Name	FA10_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/f10-chicken-elisa-kits/coagulation-factor-x/93112>