

Canine Coagulation Factor XI ELISA Kit | F11 elisa kit

Canine Coagulation Factor XI ELISA Kit

CATALOG #
AAA89854

REACTIVITY
Canine

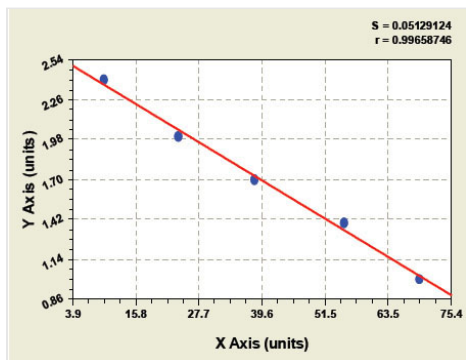
PRODUCT SYNONYMS

Coagulation Factor XI; Canine Coagulation Factor XI ELISA Kit; F11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F11 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This F11 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine F11. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY F11 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-F11 antibody and an F11 -HRP conjugate. The assay sample and buffer are incubated together with F11 -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 F11 concentration since F11 from samples and F11 -HRP conjugate compete for the anti-F11 antibody binding site. Since the number of sites is limited, as more sites are occupied by F11 from the sample, fewer sites are left to bind F11 -HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The F11 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for F11 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	180352
NCBI GeneID	2160
Molecular Weight	63,840 Da
NCBI Official Full Name	coagulation factor XI
NCBI Official Synonym Full Names	coagulation factor XI
NCBI Official Symbol	F11
NCBI Official Synonym Symbols	FXI
NCBI Protein Information	coagulation factor XI; PTA; plasma thromboplastin antecedent
UniProt Protein Name	Coagulation factor XI
UniProt Gene Name	F11
UniProt Synonym Gene Names	FXI; PTA
UniProt Entry Name	FA11_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.