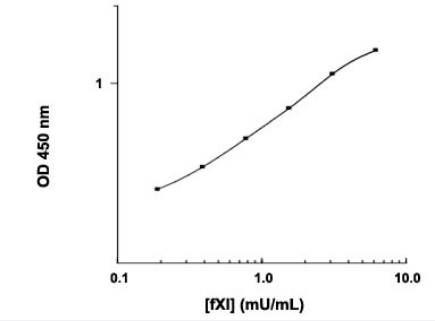
F11 (Human) ELISA Kit

Catalog # KA1400 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	F11 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human F11 in plasma, serum, and cell culture supernatants.
Suitable Sample	Cell Culture Sample, Plasma, Serum
Sample Volume	50 uL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	1.562 to 50 ng/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store the kit at 4°C or -20°C.

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Applications

- Quantification

Gene Info — F11

Entrez GeneID	2160
Gene Name	F11
Gene Alias	FXI, MGC141891
Gene Description	coagulation factor XI
Omim ID	264900
Gene Ontology	Hyperlink
Gene Summary	This gene encodes coagulation factor XI of the blood coagulation cascade. This protein is present in plasma as a zymogen, which is a unique plasma coagulation enzyme because it exists as a homodimer consisting of two identical polypeptide chains linked by disulfide bonds. During activation of the plasma factor XI, an internal peptide bond is cleaved by factor XIIa (or XII) in each of the two chains, resulting in activated factor XIa, a serine protease composed of two heavy and two light chains held together by disulfide bonds. This activated plasma factor XI triggers the middle phase of the intrisic pathway of blood coagulation by activating factor IX. Defects in this factor lead to Rosenthal syndrome, a blood coagulation abnormality. [provided by RefSeq
Other Designations	plasma thromboplastin antecedent|platelet coagulation factor XI

Pathway

- Complement and coagulation cascades

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Factor XI Deficiency

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- Genetic Predisposition to Disease
- Hypertension
- Kidney Failure
- Pre-Eclampsia
- Thrombophilia
- Venous Thrombosis

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