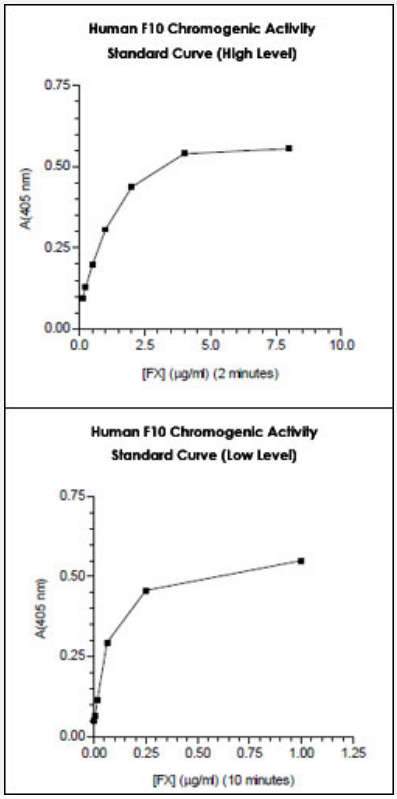
F10 (Human) Chromogenic Activity Assay Kit

Catalog # KA0972 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	F10 (Human) Chromogenic Activity Assay Kit is developed to determine human F10 activity in plasm a, serum, urine and cell culture samples.
Suitable Sample	Plasma, Serum, Urine and Cell Culture Samples
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Applications

- Functional Study

Gene Info — F10

Entrez GeneID	2159
Gene Name	F10
Gene Alias	FX, FXA
Gene Description	coagulation factor X
Omim ID	227600
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the vitamin K-dependent coagulation factor X of the blood coagulation cascade. This factor undergoes multiple processing steps before its preproprotein is converted to a mature two-chain form by the excision of the tripeptide RKR. Two chains of the factor are held together by 1 or more disulfide bonds; the light chain contains 2 EGF-like domains, while the heavy chain contains the catalytic domain which is structurally homologous to those of the other hemostatic serine proteases. The mature factor is activated by the cleavage of the activation peptide by factor IXa (in the intrisic pathway), or by factor VIIa (in the extrinsic pathway). The activated factor then converts prothrombin to thrombin in the presence of factor Va, Ca+2, and phospholipid during blood clotting. Mutations of this gene result in factor X deficiency, a hemorrhagic condition of variable severity. [provided by RefSeq
Other Designations	OTTHUMP00000018735|Stuart-Prower factor|factor Xa|prothrombinase

Pathway

- Complement and coagulation cascades

Disease

- Alzheimer disease
- Cardiovascular Diseases
- Cerebral Hemorrhage

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Chronic Disease
- Diabetes Complications
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hypertension
- Intracranial Hemorrhages
- Kidney Diseases
- Kidney Failure
- Metabolic Syndrome X
- Neoplasms
- Osteoporosis
- Premature Birth
- Stroke
- Subarachnoid Hemorrhage

Copyright © 2023 Abnova Corporation. All Rights Reserved.