

Human Blood Coagulation Factor XI Reference standard

Cat. No. F11-178H Lot. No. (See product label)

SPECIFICATION

Product Overview	The reference Standard for Factor XI, Plasma, Human consists of ampoules, containing approximately 1 mL aliquots of normal human plasma, freeze-dried.
Species	Human
Usage	No attempt should be made to weigh out any portion of the freeze-dried material prior to reconstitution. Allow ampoules to warm to room temperature. Open ampoule, taking care to ensure that all material is in the lower part, and reconstitute with 1.0 mL of distilled water.
Notes	This preparation is not for administration to humans. The preparation contains material of human origin, and either the final product or the source materials, from which it is derived, have been tested and found negative for HBsAg, anti-HIV and HCV RNA. As with all materials of biological origin, this preparation should be regarded as potentially hazardous to health. It should be used and discarded according to your own laboratorys safety procedures. Such safety procedures should include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening ampoules or vials, to avoid cuts.
Stability	Reference materials are held at Creative Biomart within assured, temperature-controlled storage facilities. Reference Materials should be stored on receipt as indicated on the label. Accelerated degradation study, which involves potency estimation of ampoules stored at elevated temperatures relative to ampoules stored at below -150°C, has indicated that the Standard is stable when stored at - 20° or

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below; a predicted loss of less than 0.01% per year.

Storage

Unopened ampoules should be stored in the dark at or below –20°C. Please note: because of the inherent stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

GENE INFORMATION

Gene Name	F11 coagulation factor XI [Homo sapiens];
Official Symbol	F11
Synonyms	FXI; coagulation factor XI; PTA; plasma thromboplastin antecedent
Gene ID	2160
mRNA Refseq	NM_000128
Protein Refseq	NP_000119
MIM	264900
UniProt ID	P03951
Chromosome Location	4q35
Pathway	Blood Clotting Cascade, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Hemostasis, organism-specific biosystem
Function	heparin binding; serine-type aminopeptidase activity; serine-type endopeptidase activity

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