

Human Blood Coagulation Factor XIII Reference standard

Cat. No. F13-10H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This standard is intended to be used in the measurement of FXIII (both activity and antigen - A2B2 complex) , in plasma and is primarily intended for calibration of secondary and/or in-house working FXIII plasma standards.
Species	Human
Usage	No attempt should be made to weigh out any portion of the freeze-dried material prior to reconstitution. The total contents of the ampoule should be reconstituted at room temperature with 1 ml distilled water, dissolved by gentle swirling to avoid froth and transferred immediately to a suitable plastic tube. The reconstituted Standard is stable for up to 2 hours at room temperature. If using this Standard to calibrate Factor XIII concentrates, the test concentrates MUST be pre-diluted in FXIII deficient plasma, before making the assay dilutions. Assay dilution buffers should contain 1% albumin, preferably clinical grade.
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. The plasma for this preparation was prepared from pools of human plasma in which every donation was tested and found negative for hepatitis B surface antigen, antibodies to HIV-1 and -2 and antibodies to hepatitis C. The filled candidate preparation was subsequently tested and found negative for HCV RNA by PCR. 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

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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 studies have shown that this standard is extremely stable both when stored at -20°C and at mailing temperatures. Predicted loss of both FXIII activity & FXIII antigen (A2B2 complex) when stored at -20°C were below 0.05% per year.

Storage

Unopened ampoules should be stored at -20°C. After reconstitution, any unused material must be discarded, not frozen for later use. Please note: because of the inherent stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

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