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CERTIFICATE OF ANALYSIS

Cat No:	P1FIB (XIII free)
Lot:	SAMPLE
Description:	Peak 1 Fibrinogen
Concentration:	13.92 mg/mL (before lyophilization)
Aliquots:	1 x 10.00 mg
Volume/aliquot:	0.718 mL
Activity:	100% Clottable
Total Protein:	10.00 mg (1 x 10 mg)
Buffer:	20 mM Tris-HCl / 0.15 M NaCl / pH 7.4
Storage:	2-8 °C
Expiration Date:	**/****

Peak 1 fibrinogen accounts for 85% of the total plasma fibrinogen and has two gammaA chains. The protein contains mostly intact A alpha subunit chains, is free of plasminogen, factor XIII, fibronectin and other non-fibrinogen protein contaminants. Peak 1 molecules each contain two copies of the platelet-binding gammaA chain C-terminal sequence and are ideal substrates for factor XIII assay.

The above protein was purified from Human plasma units that test negative for antibodies to HBc, HCV, HIV 1/2, HTLV-I/II, and non reactive for HBsAg, HIV-1 RNA, HCV RNA and HBV DNA and Syphilis by FDA approved methods. Donors are screened for CJD.

Hydrate the above protein to the original volume with warmed distilled water/buffer. The hydration should take place in a 37C water bath to ensure all protein solubilizes. After hydration, aliquot and freeze the unused portion at <-60°C.

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