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## CERTIFICATE OF ANALYSIS

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|-------------------------|--------------------------------------|
| <b>Cat No:</b>          | <b>P2FIB</b>                         |
| <b>Lot:</b>             | SAMPLE                               |
| <b>Description:</b>     | Peak 2 Fibrinogen                    |
| <b>Concentration:</b>   | 2.75 mg/mL (before lyophilization)   |
| <b>Aliquots:</b>        | 1 x 10.00 mg                         |
| <b>Volume/aliquot:</b>  | 3.636 mL                             |
| <b>Activity:</b>        | 100% Clottable                       |
| <b>Total Protein:</b>   | 10.00 mg (1 x 10 mg)                 |
| <b>Buffer:</b>          | 20mM Tris-HCl / 0.15 M NaCl / pH 7.4 |
| <b>Storage:</b>         | 2-8 °C                               |
| <b>Expiration Date:</b> | **/****                              |

Peak 2 fibrinogen accounts for only 15% of the total plasma fibrinogen and contains one gammaA and one gamma chain per molecule. Peak 2 contains measurable amounts of Factor XIII activity because the XIII B subunits bind to gamma chains and bring catalytic A subunits along with them. Thus Peak 2 serves as a 'carrier' for factor XIII in blood.

The above protein was purified from Human plasma that was tested and found negative for all communicable diseases, including HIV-1, HIV-2, Hepatitis B Surface antigen and HCV. Donors are screened for CJD (Creutzfeldt-Jakob Disease).

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

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