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CERTIFICATE OF ANALYSIS

Cat No:	HT 1002a
Lot:	SAMPLE
Description:	Human alpha Thrombin
Concentration:	3.51 mg/mL (before lyophilization)
Aliquots:	1 x 1000.00 units
Volume/aliquot:	0.093 mL
Activity:	3051.00 NIH u/mg
Total Protein:	0.328 mg (1 x 0.328 mg)
Buffer:	50 mM Sodium citrate / 0.2 M NaCl / 0.1 % PEG-8000 pH 6.5
Storage:	2-8 °C
Expiration Date:	**/****

The Human Thrombin was activated from homogeneous Human Prothrombin by activation with Factor Xa, Factor Va and phospholipid. These activating enzymes were removed after activation. Complete activation was observed on SDS-PAGE. The above protein was purified from Human plasma that was tested and found negative by FDA accepted methods for Anti-HIV1/2, Anti-HTLV I & II, HBsAg, Anti-HCV, Syphilis, HBC Ab, HIV-1 p24 Ag or HIV-1 RNA, HCV RNA and HBV RNA. Donors are screened for CJD (Creutzfeldt-Jakob Disease).

NOTE: Activity is specific activity.

We suggest hydrating the protein to the original volume with water.

Protein is for research use only; not for human use.