



**1801 Commerce Drive  
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## Certificate of Analysis

**Lot:** SAMPLE SAMPLE

**Description:** Human alpha Thrombin

**Concentration:** 3.40 mg/ml

**Aliquots:** 1 x 1000.00 units

**Volume/aliquot:** 0.096 ml

**Activity:** 3078.00 NIH u/mg

**Total protein:** 1000.00 units

**Buffer:** 50 mM sodium citrate/ 0.2 M NaCl/  
0.1% PEG-8000/ pH 6.5

**Storage:** < -60 °C

**Expiration Date:** 07/2008

**PO:** N/A

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

Thank You,  
**Quality Assurance**

Sample