



## Certificate of Analysis

### Product Description

**Product:** Human PAI-1 (stable mutant form)  
**Catalog Number:** ICPAI  
**Description:** The human form of PAI-1 contains the following four mutations: K154T, Q319L, M354I and N150H. These mutations combine to confer great stability to the otherwise labile molecule essentially locking in into the active conformation. It is an ideal choice for in vivo studies.  
**Source:** E. coli  
**Molecular Weight:** 43,000

### Sample Characteristics

**Lot Number:** SAMPLE  
**Aliquot:** 1 x 0.5 mg  
**Concentration:** 2.5 mg/ml  
**Volume:** 0.2 ml  
**Buffer:** 0.05M Sodium Phosphate; 0.1M NaCl; 1mM EDTA; pH 6.6  
**Form:** Frozen liquid  
**Specific activity:** >95% active by uPA titration; Second order rate constant for inhibition of uPA =  $5.1 \times 10^6 \text{ M}^{-1}\text{s}^{-1}$ ,  $t_{PA} = 7.9 \times 10^5 \text{ M}^{-1}\text{s}^{-1}$

### Shipping Information

**Recommended Storage:** -70 C  
**Shipping Conditions:** Dry ice  
**Minimum Shelf Life:** 3 years from delivery

For In Vitro laboratory use only



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**CAUTION TO USERS:** The values expressed in the attached Certificate of Analysis represent best efforts to provide accurate and reproducible data about the material. However, test methods and techniques for biologicals may produce variable results.