



## Certificate of Analysis

### Product Description

**Product:** Human PAI -1 Elastase specific mutant  
**Catalog Number:** IAPAI  
**Description:** A single mutation at the P1 position of PAI-1 alters the target specificity of PAI-1 from the plasminogen activators tPA and uPA to elastase. PAI-1 is normally a substrate for pancreatic and neutrophil elastase becoming cleaved at the P3 position. This mutant contains a P1 Alanine in place of the wild type Arginine residue resulting in an inhibitor of elastase as potent as alpha-1PI (antitrypsin).  
**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

### Shipping Information

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

For In Vitro laboratory use only

This material is intended for research use or for further manufacture of in-vitro diagnostic products licensed under Sec. 351 of the PHS Act. User agrees to indemnify and hold Innovative Research harmless for any use of this product other than that specifically stated.



**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.