

Product Datasheet



Product Description

Product:	Non-enzymatic Human tPA
Catalog Number:	IHTPA-ALA
Description:	This human tPA has an active site serine to alanine mutation which renders it catalytically inactive. The mutation site is S478A on the mature protein and S513A on the complete mRNA sequence (UniProtKB: locus TPA_HUMAN, accession P00750). It is >90percent single chain and retains exosite binding as well as other properties of wild type tPA. Recombinantly produced in insect cells. Reference: Identification of a conformationally distinct form of plasminogen activator inhibitor-1, acting as a noninhibitory substrate for tissue- type plasminogen activator PJ Declerck, M De Mol, DE Vaughan, and D Collen J. Biol. Chem., Jun 1992; 267: 11693 - 11696.
Recommended Storage:	-70 C
Shipping Conditions:	Dry ice
Minimum Shelf Life:	3 years from delivery

Technical Information

Purity:	>95% by SDS-PAGE analysis
Source:	Insect cell culture
Molecular Weight:	70,000
Extinction Coefficient:	1.9

Sample Characteristics

Lot Number:	IHTPA-ALA-SAMPLE
Aliquot:	1 x 0.1 mg
Concentration:	2.0 mg/ml
Volume:	0.05 ml
Buffer:	0.4M HEPES; 0.1M NaCl; pH 7.4
Form:	Frozen liquid

For In Vitro laboratory use only

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