

PLG

Native Human Plasmin, Immobilized

Catalog No.	CRP265B CRP265C	Quantity:	1 ml packed resin 10 ml packed resin
Alternate Names:	Plasminogen		
Description:	Converted into plasmin by plasminogen activators, plasmin dissolves the fibrin of blood clots and acts as a proteolytic factor in a variety of other processes including embryonic development, tissue remodeling, tumor invasion, and inflammation. Native human plasmin immobilized on agarose resin by coupling of primary amines. Plasmin retains catalytic activity when coupled and may be used to efficiently activate single-chain tPA and uPA to the two-chain form. It may also be used to convert plasminogen from its native Glu form to the Lys form by removing the first 77 amino acids. <i>Wallen, P. et al. (1982) Biochim. Biophys. Acta 719:318-328</i>		
UniProt ID:	P00747		
Concentration:	~1.5 mg/ml coupled, lot specific		
Source:	Human plasma		
Molecular Weight:	85.0 kDa		
Formulation:	1:1 slurry of resin in 0.1 M HEPES, 0.1 M NaCl, 0.02% sodium azide, pH 7.4		
Purity:	> 95% by SDS-PAGE analysis		
Purification:	Human plasmin was purified from plasma by affinity chromatography and coupled to an agarose support.		
Volume:	2ml or 20ml of 1:1 slurry		
Biological Activity:	~3.0 nkat/ml, lot specific		
Extinction Coefficient:	$E^{0.1\%}_{280nm} = 1.69$		
Storage & Stability:	Store at 2-8°C for up to 1 year.		
Certification:	Prepared from plasma shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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