

PLAU

Native Human Urokinase

Catalog No.	CRU000A CRU000B CRU000C	Quantity:	100 µg 1.0 mg 5 mg
Alternate Names:	UK, ATF, uPA, UPAM, URK		
GeneID:	5328		
Description:	Urokinase is a two-chain glycoprotein containing 411 amino acids with 12 disulfide bonds.		
Source:	Human urine		
Molecular Weight:	54.0 kDa		
Formulation:	Lyophilized from a sterile filtered solution containing phosphate buffer		
Purity:	> 90.0% as determined by SDS-PAGE analysis		
Endotoxin Level:	< 0.1 ng/µg of Urokinase		
Biological Activity:	1 nM human urokinase will cause a change in absorbance of 0.001 at 405 nm in 1 minute at room temperature in 100 µl 0.05M Tris-HCl + 0.1M NaCl, pH 7.4, using 0.6 mM S2444 as the substrate.		
Specific Activity:	77,000 IU/mg powder; 168,000 IU/mg protein		
Reconstitution:	Centrifuge vial prior to opening. First add sterile water to the vial to fully solubilize the protein to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
Storage & Stability:	Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2-4°C or in working aliquots at -20°C to -80°C for longer storage. Avoid repeated freeze-thaw cycles.		
Contaminants:	Free of: Hepatitis B surface antigen, Hepatitis C antibody and HIV-1 and -2.		

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