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Product Datasheet

Thrombin, alpha, Human USB-T4040

Article Name	Thrombin, alpha, Human
Biozol Catalog Number	USB-T4040
Supplier Catalog Number	T4040
Alternative Catalog Number	USB-T4040-100,USB-T4040-1
Manufacturer	US Biological
Category	Molekularbiologie
Product Description	Alpha-thrombin is a highly specific serine protease generated by proteolytic activation of the zymogen prothrombin (1). During coagulation, thrombin cleaves fibrinogen to form fibrin, leading to the ultimate step in coagulation, the formation of a fi...
Molecular Weight	36.7
Purity	95% by SDS-PAGE. Human thrombin is prepared from purified prothrombin using a modification of the Lundblad procedure (1) as described by Nesheim et al. (2). Purity is determined by SDS-PAGE analysis and activity is measured in a thrombin specific clotting assay, and compared to standardized NIH thrombin.
Form	Supplied as a liquid in 50% glycerol/H ₂ O. Thrombin is also available with the active site blocked with either DFP, FPRck, or biotinlyated FPRck.