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## Product Datasheet

### Thrombin, alpha, FPRCK, Human USB-T4040-10

Artikelname	Thrombin, alpha, FPRCK, Human
Artikelnummer	USB-T4040-10
Hersteller Artikelnummer	T4040-10
Alternativnummer	USB-T4040-10-100
Hersteller	US Biological
Kategorie	Molekularbiologie
Produktbeschreibung	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...
Molekulargewicht	36700
Reinheit	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.
Formulierung	Supplied as a liquid in 50% glycerol/H <sub>2</sub> O. Thrombin is also available with the active site blocked with either DFP, FPRck, or biotinlyated FPRck.