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## Product Datasheet

### Thrombin, alpha, Bovine USB-T4039

Article Name	Thrombin, alpha, Bovine
Biozol Catalog Number	USB-T4039
Supplier Catalog Number	T4039
Alternative Catalog Number	USB-T4039-200
Manufacturer	US Biological
Category	Molekularbiologie
Product Description	Proteolytic Activation of Prothrombin: The serine protease $\alpha$ -thrombin is produced by proteolytic activation of the zymogen, prothrombin. The enzyme complex, prothrombinase, catalyzes the proteolysis of two peptide bonds in prothrombin, which gives ri...
Molecular Weight	36.7
Purity	95% by SDS-PAGE. Purified from prothrombin using a modification of the Lundblad procedure (1) as described by Nesheim, et al. (2). Purity is determined by SDS-PAGE analysis.
Form	Supplied as a liquid in 50% glycerol/H <sub>2</sub> O.