



## DATA SHEET

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### Product Description

**Product:** Bovine plasmin

**Catalog Number:** BPLM

**Description:** Prepared from plasminogen by activation with immobilized human uPA. 100 percent functionally active plasmin is purified from the activation reaction by immobilized SBTI. Plasmin will undergo rapid auto proteolysis in the absence of benzamidine and should be used quickly once thawed. Aliquot to avoid freeze-thaw cycles.  
Partial cleavage of bovine plasmin between kringle 3 & 4 occurs upon activation, producing a low molecular weight band. This midiplasmin is 100 percent active (Christensen et al. Biochem J. 305 (Pt 1):97-102, 1995).

**Recommended Storage:** -70 C

**Shipping Conditions:** Dry ice

**Minimum Shelf Life:** 3 years from delivery

### Technical Information

**Purity:** >95% by SDS-PAGE analysis

**Source:** Bovine plasma

**Molecular Weight:** 85,000

**Extinction Coefficient:** 1.69

### Sample Characteristics

**Lot Number:** BPLM-SAMPLE

**Aliquot:** 1 x 1.0 mg

**Concentration:** 5.0 mg/ml

**Volume:** 0.2 ml

**Buffer:** 0.1M HEPES; 0.1M NaCl; pH 7.4

**Form:** Frozen liquid

Optimal experimental conditions and working dilutions must be determined by the end user. Sample concentration and volume are for example purposes only and do not necessarily represent the product that will be received. Please contact us for a current lot-specific product datasheet.

For *in vitro* laboratory use only

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