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ProductInformation

Plasmin
from human plasma

Product Number **P 4895**
Storage Temperature -0 °C

Product Description
Enzyme Commission (EC) Number: 3.4.21.7
CAS Number: 9001-90-5
MW: 85 kDa[1]

Plasmin consists of two disulfide-linked polypeptide chains. The plasmin heavy chain (MW 60 kDa) is derived from the original plasminogen amino terminal region. The plasmin light chain (MW 24-26 kDa) originates from the carboxyl-terminus of the native plasminogen molecule. The active site of plasmin is on the light chain. During the activation of human plasminogen, a peptide of molecular weight 8,200 is released from the plasminogen amino terminus.

When run on SDS-PAGE, bands appeared at 68, 46.2, 23.1 and 12.3 kDa.

The product is lyophilized from a solution of 20 mM L-Lysine and 100 mM KCl.

Precautions and Disclaimer
For Laboratory Use Only. Not for drug, household or other uses.

Preparation Instructions
This product is approximately 5% protein with the balance primarily potassium chloride and lysine, pH 2.5. This product is readily soluble in water (1 mg/ml). Any solutions should be kept on ice and discarded at the end of the day or aliquoted and frozen at a concentration of 1 mg/ml. Frozen solutions will lose approximately 10% activity per month.

References
1. Trends Biochem. Sci., **4**, 1 (1979).

ALF/RXR 10/02

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