

Product: Kininogen, Low Molecular Weight
Catalog #: 12-7629
Amount: 25 mg

DESCRIPTION: LMW Kininogen is involved in blood pressure regulation since it is an endogenous protein substrate for tissue kallikrein. Proteolytic cleavage by kallikrein releases vasoactive bradykinin from LMW kininogen. In addition, LMW kininogen, like HMW kininogen, is a major extracellular cysteine proteinase inhibitor.

SOURCE: Human plasma

MOLECULAR WEIGHT: 64,000

BUFFER: 10 mM Sodium acetate, pH 5.5, with 200 mM NaCl.

CONCENTRATION: 2.55 mg/ml (Lot #: 9701)

PURITY: > 95% by SDS-PAGE

STORAGE: Frozen (-20°C)

QUALITY CONTROL: Nonreactive and negative for HBsAg, anti-HCV, anti-HBc, and anti-HIV by FDA-required tests.

Because no test method can offer complete assurance that products derived from human source will not transmit infectious agents, it is recommended that this product be handled with the same precautions used for patient specimens.

REFERENCE:
Muller-Esterl, W. et al. (1982) *Biochem. Biophys. Acta* **706**: pp145
Ohkubo, I et al. (1984) *Biochem.* **23**: pp5691

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