Plasmin Activity Fluorometric Assay Kit

Cat. No. Kit-0700 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Simple & convenient protocol. Can detect Plasmin activity as low as 10 ng in a variety of samples. Kit contains all necessary reagents for measuring plasmin activity.
Description	Plasmin (EC 3.4.21.7) is a serine protease occurring in plasma as plasminogen. Upon activation via cleavage by plasminogen activators; plasmin solubilizes fibrin clots and activates and/or degrades compounds of the coagulation and complement systems. Plasminogen-Plasmin system has also been implicated in a wide variety of physiologic and pathologic processes, including tumor growth, invasion and metastasis. Plasmin activity assay kit utilizes the ability of Plasmin to proteolytically cleave a synthetic substrate and release a fluorophore, AMC, which can be easily quantified by fluorescence microplate readers. This assay kit is simple, rapid and can detect Plasmin activity as low as 10 ng in a variety of samples.
Applications	Detect the activity of Plasmin in plasma
Usage	For Research Use Only! Not For Use in Humans
Storage	-20°C
Size	100 assays
Kit Components	• Plasmin Assay Buffer • Plasmin Dilution Buffer • Plasmin Enzyme Standard (1 mg/ml)

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	• Plasmin Substrate
Detection method	Fluorescence (Ex/Em = 360/450 nm)

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