CREATIVE BIOMART®
Assay Kit

Urokinase Inhibitor Screening Kit (Fluorometric)

Product Information

Cat

Kit-2345

Cat.No. Kit-2345

Product Overview

Urokinase (Urokinase-type plasminogen activator, uPA, EC 3.4.21.73) is a serine protease, which catalyzes the conversion of the plasminogen to active plasmin, which in turn participates in thrombolysis. Urokinase inhibitors have potential applications in cancer therapy. Urokinase Inhibitor Screening Kit utilizes the ability of Urokinase to cleave a synthetic AMC-based peptide substrate to release AMC, which can be detected by measuring its fluorescence at Ex/Em = 350/450 nm. In the presence of the Urokinase specific inhibitors, the enzyme activity is inhibited or completely abolished. This assay kit is a simple, sensitive, and rapid tool to screen potential Urokinase inhibitors.

Applications

Screening potential inhibitors of UrokinaseCharacterize/study urokinase inhibitors

Storage

-20°C

Shipping

Gel Pack

Size

100 assays

Kit Components

Urokinase Assay Buffer; Urokinase Substrate; Human Urokinase; Urokinase Inhibitor [GGACK Dihydrochloride] (10 mM)

Detection method Fluorescence (Ex/Em = 350/450 nm)

Features & Benefits

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Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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Rapid & simple; Reliable test for screening potential inhibitors of Urokinase; Includes Urokinase-specific Inhibitor [GGACK Dihydrochloride]

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