CREATIVE BIOMART®
Assay Kit

Urokinase Activity Fluorometric Assay Kit

Product Information

Cat

Kit-2264

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Product Overview

Urokinase (urokinase-type plasminogen activator or 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 Fluorimetric Activity Assay Kit utilizes an AMC-based peptide substrate containing the recognition sequence for Urokinase. Urokinase present in the sample catalyzes the cleavage of the substrate and releases AMC, which can be easily quantified by measuring its fluorescence at Ex/Em = 350/450 nm. This sensitive assay detects very low levels of Urokinase activity in biological samples (as low as 0.02 IU/ml).

Applications

Measuring Urokinase activity of purified enzymes.
Measuring Urokinase activity in serum & cell/nuclear extracts.

Storage

-20°C

Shipping

Gel Pack

Size

100 assays

Kit Components

Urokinase Assay Buffer; Cell Lysis Buffer; Urokinase Substrate; Human Urokinase (Standard/Positive Control)

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

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Features & Benefits

Simple & convenient procedure.
Can detect urokinasse activity as low as 0.02 IU/ml.
Kit contains all necessary reagents for measuring urokinase activity.

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