

Urokinase Activity Fluorometric Assay Kit

Cat. No. Kit-2264 **Lot. No.** (See product label)

SPECIFICATION

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)
Features & Benefits	Simple & convenient procedure. Can detect urokinase activity as low as 0.02 IU/ml.

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Kit contains all necessary reagents for measuring urokinase activity.

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