CREATIVE BIOMART®
Assay Kit

Factor Xa Activity Fluorometric Assay Kit

Product Information

Cat

Kit-0337

Common Name

Factor

Cat.No. Kit-0337

Product Overview

Rapid, and convenient.
The assay can detect Factor Xa activity as low as 1 ng.

Description

Factor Xa (FXa) is the activated form of the coagulation factor X (Stuart-Power factor, thrombokinase, prothrombinase, thromboplastin, E.C.3.4.21.6). Factor X, a serine endopeptidase plays an important role at several stages of the coagulation pathway. It acts by converting prothrombin into active thrombin by complexing with activated co-factor V in the prothrombinase complex. Unfractionated heparin and various low molecular weight heparins bind to plasma cofactor antithrombin to inactivate several coagulation factors including factor Xa. Factor Xa activity assay kit utilizes the ability of Factor Xa to cleave a synthetic substrate thereby releasing a fluorophore, AMC, which can be quantified by fluorescence readers. This assay kit is simple, rapid and can detect Factor Xa activity as low as 1 ng.

Applications

Determine activity of pure Factor Xa, Detect the activity of Factor Xa in plasma

Usage

For Research Use Only! Not For Use in Humans.

Storage

-20°C

Size

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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100 assays

Kit Components

- FXa Dilution Buffer
- FXa Assay Buffer
- FXa Enzyme Standard
- FXa Substrate

Detection method Fluorescence (Ex/Em = 350/460 nm or Ex/Em = 350/470 nm)

Compatible Sample Types

Plasma, pure Factor Xa

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