CREATIVE BIOMART®
Assay Kit

Factor IXa Activity Assay Kit (Fluorometric)

Product Information

Cat

Kit-1053

Common Name

Factor

Cat.No. Kit-1053

Description

The coagulation Factor IX (or Chris;as factor) (EC 3.4.21.22) is a vitamin K-dependent serine protease. Factor IX is produced as an inactive precursor and is activated via cleavage by either factor XIa (contact pathway) or factor VIIa (tissue factor pathway). In the presence of calcium ions and negatively charged membrane phospholipids, activated factor IX (FIXa) then binds to the activated Factor VIII (FVIIIa) and proteolytically activates factor X (FX) to factor Xa (FXa). Factor IXa Activity Assay kit is based on the ability of FIXa to generate FXa. The generated FXa proteolytically cleaves a synthetic substrate and releases a fluorophore, AMC, which can be easily quantified by fluorescence microplate reader. The assay is simple, rapid and can detect activity as low as 10 pg of FIXa in a variety of samples.

Applications

Determine activity of purified Factor IXaDetect the activity of Factor IXa in plasma and serum samples

Storage

-20°C

Shipping

Gel Pack

Size

100 assays

Kit Components

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

CREATIVE BIOMART®
Assay Kit

Factor IXa Activity Assay Kit (Fluorometric)

FIXa Assay Buffer; FXa Substrate-AMC; Enzyme Mix I; Enzyme Mix II; Phospholipids; FIXa Enzyme Standard (10 ng)

Detection method Fluorescence (Ex/Em = 360/450 nm

Features & Benefits

Rapid and convenient; The assay can detect Factor IXa activity as low as 10 pg.

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