

# LYOPHILIZED CALIBRATORS AND CONTROLS

## SPECIALTY CONTROLS

### FACTOR IXa

CONTROLS

## Factor IXa Control

Colorimetric assay



### Associated products

Factor IXa Calibrator

Rox FIX-A

### Informations

FIX is a vitamin K dependent glycoprotein synthesized by the liver.

FIX can be activated to FIX in FIXa by FXIa or by FVIIIa in the presence of phospholipids and calcium.

A person who is deficient in FIX has hemophilia B.

Reference	Presentation	Format
5-9588	Vial	10 x 2.0 mL

**Purified preparation of Factor IXa for the ROX FIX-A kit, titrated against the international standard WHO.**

Quality control plasma for the determination of FIXa in colorimetry.

### Components

- 10 vials x 2 mL lyophilized plasma

### Method / Application

The ROX FIX-A is a chromogenic enzymatic assay kit for the determination of very small amounts of FIXa in human FIX concentrates. The results are expressed in IU. The sensitivity of the assay is 0.1 mIU / mL. This method is based on the activation of FX by FIXa (considered a contaminant in FIX concentrate) in the presence of FVIII, thrombin, phospholipids and calcium ions. The amount of FXa generated is determined by hydrolysis of a chromogenic substrate for FXa. The quantity of para-nitroaniline released during this hydrolysis and measured at 405 nm is proportional to the concentration of FIXa in the reaction medium.

