



Bovine Factor Xa – 70 Units

For In Vitro Research Use – Not for Diagnostic Use

ORIGIN

Factor X (FX) is purified from citrated bovine plasma using barium citrate absorption followed by various chromatography steps. FX is activated to Factor Xa (FXa) by a RVV matrix.

APPLICATION

Suitable for use as a reagent for determination of Heparin in Anti-FXa activity assays.

COMPOSITION

Each vial contains:

Bovine Factor Xa	70 ± 10 Units*
Bovine Albumin	20 mg
Polyethyleneglycol 6000	10 mg
Sodium Chloride	10 mg
Tris (hydroxymethyl) aminomethane	6.4 mg
Tris (hydroxymethyl) aminomethane HCl	69 mg

*Consult Certificate of Analysis for lot specific data.

PREPARATION

Reconstitute in H₂O or buffer according to specific assay protocols. Reconstitution in 10 mL of H₂O results in an activity of 7 Units/mL*
Homogenize the reagent prior to use.

*Consult Certificate of Analysis for lot specific data.

ENZYME ACTIVITY DETERMINATION

The FXa activity expressed as Units is traceable to the activity of the nonWHO ref reagent for bovine FXa, NIBSC code 75/595.

The activity of 1 Unit bFXa equals about 1 nKat bFXa.

The activity of FXa can be measured using the Rossix product:

REF A2765 Factor Xa Substrate 25 mg

STORAGE

Store at 2-8°C in unopened original vial.

STABILITY

Lyophilized in unopened original vial:

Stable at 2-8°C until expiry date printed on the product label.

After reconstitution in 10 mL H₂O, stored in original vial, and provided any contamination or evaporation are avoided:

7 days at 18-25°C

8 weeks at 2-8°C.

6 months at < -20°C.

VIRAL SAFETY AND OTHER HAZARDS

The bovine plasma used for preparation of bFXa and BSA are from donor animals of BSE- and TSE-free livestock. Donor animals have been subjected to veterinary examination before and after donation, determining that the animals are indeed free of infectious materials. Although this product has been thoroughly tested, biological materials should always be handled as potentially infectious as a precaution.

Upon assessment, this product is not classified as hazardous according to Regulation (EC) No 1272/2008.

SYMBOLS USED



Catalog number



Batch code



Use by



Temperature limitation

Country manufacture

Sweden

