ANIARA
DIAGNOSTICA INC

YOUR LAB DESERVES A PARTNER.
Not a vendor.

FACTOR X · STUART-PROWER FACTOR · COMMON-PATHWAY HUB · ACTIVITY & ANTIGEN

Factor X — *three methods,* one complete panel.

Factor X sits at the convergence of the intrinsic and extrinsic pathways. Its measurement spans **congenital and acquired FX deficiency** (including AL amyloidosis), **liver disease and VKA effect**, and **FX concentrate potency**. Measure it by **chromogenic activity, one-stage clotting, or antigen ELISA** — pairing activity with antigen resolves quantitative (type I) from qualitative (type II) defects — all backed by matched calibration and QC.

THREE MEASUREMENT METHODS

CHROMOGENIC · ACTIVITY (RVV)

BIOPHEN™ Factor X

Russell's viper venom (RVV-X) activates FX directly → FXa, read on a chromogenic substrate — an **FX-specific** readout, independent of upstream factors. 4×2.5 mL.

A221705
RUO · CE-IVD — $509

CLOTTING · ONE-STAGE

FX:C — Deficient Plasma

Classic **one-stage** FX:C assay, run on **Factor X Deficient Plasma** (<1% residual) as substrate — PT- or APTT-based, on standard analyzers.

ADP060K · 6×1 mL
RUO — $385

ANTIGEN · ELISA

ZYMUTEST™ Factor X

Two-site immunoassay for **FX antigen** in citrated plasma — quantifies protein independent of activity, to classify a deficiency. Kit of 96 tests.

ARK033A
RUO — $988

CALIBRATED & CONTROLLED — EVERY METHOD, MATCHED

REFERENCE CALIBRATOR & QC PLASMAS

BIOPHEN™ Plasma Calibrator
18-analyte reference plasma; assigns FX and calibrates both clotting & chromogenic. **A222101**

Normal Control Plasma
Normal-range QC across factor activities · 12×1 mL. **A223201**

Abnormal Control Plasma
Pathological-range QC, covering FVII-X. **A223301**

The ZYMUTEST™ FX ELISA includes its own antigen calibrator and controls.

WHERE FACTOR X IS MEASURED

- Congenital FX deficiency
- Acquired FX deficiency (AL amyloidosis)
- Liver disease / VKA
- FX concentrate potency
- Common-pathway research
- Recombinant FX development

SELECTED REFERENCES Method comparison & validation — BIOPHEN™ Factor X (chromogenic, RVV-X) correlates well with the one-stage clotting assay across the ~60–130% reference range, with high specificity (FX-deficient plasma measured at <0.1% FX) — HYPHEN BioMed technical file. · ZYMUTEST™ Factor X ELISA (HYPHEN BioMed) used to quantify recombinant Factor X variants — US Pat. 10,364,424. · The RVV-X (Russell's viper venom) direct activator gives an FX-specific readout independent of upstream coagulation factors.

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HYPHEN BioMed — Aniara Diagnostica, Inc. is a distributor for HYPHEN BioMed