

— NAPTT REAGENT · ACTIVATED COAGULATION FACTORS · EP METHOD

Activated coagulation factors? *Time them out.*

Activated coagulation factors — chiefly **Factor XIa** — carried through immunoglobulin and other plasma-derived products are a recognized cause of **thromboembolic events**. The European Pharmacopoeia screens for them with the **non-activated partial thromboplastin time (NAPTT)**. 5-CLOT NAPTT Reagent is the synthetic phospholipid platelet substitute for that EP method — and for NaPTT studies of contact activation and hypercoagulability in plasma.

QC REAGENT · 5-DIAGNOSTICS

5-CLOT NAPTT Reagent

Synthetic phospholipid platelet substitute · EP method

- For the **European Pharmacopoeia method** for detection of **activated coagulation factors** in therapeutic products.
- Screens immunoglobulin & plasma-derived products for **procoagulant (FXIa) impurities** linked to thromboembolic risk.
- A defined **synthetic phospholipid** platelet substitute — consistent, no platelet-prep variability.
- Also for **NaPTT research** — contact activation and hypercoagulability in human plasma.
- Clotting-time readout on **standard coagulation analyzers**.

5D-51426 · RUO

5 × 10 mL

WHY THE NAPTT MATTERS

After IVIG thromboembolic events were traced to **Factor XIa** co-purified with immunoglobulin, pharmacopoeias required lot screening for activated coagulation factors.

The NAPTT is the established global-hemostasis screen: a sample that **shortens the clotting time** signals procoagulant activity.

A synthetic platelet substitute keeps the assay reproducible — no donor-platelet variability.

— WHERE IT IS USED

IVIG / SCIG lot release

Plasma-derivative QC

FXIa / procoagulant screening

Anti-D & specific immunoglobulins

Albumin & factor concentrates

Contact-activation research

Hypercoagulability studies

Thrombogenicity testing

— COMPLETE THE NAPTT ASSAY

5-CONTROL FIXa ·
20 mL

NAPTT positive control — activated Factor IX (Ref. 5D-44206B).

5-CONTROL FIXa ·
10 mL

Low-level positive control for sensitivity (Ref. 5D-44206A).

5-PLASMA Normal Plasma

Normal reference plasma for the blank / baseline (Ref. 5D-40401B).

Regulatory: 5-CLOT NAPTT Reagent (5D-51426) is **For Research Use Only — not for use in diagnostic procedures**. It is a synthetic phospholipid platelet substitute intended for the European Pharmacopoeia method for the detection of activated coagulation factors in therapeutic products, and for non-activated partial thromboplastin time (NaPTT) studies of contact activation and hypercoagulability. Supplied as 5 × 10 mL. The user establishes and validates assay conditions and acceptance criteria against the applicable monograph. Manufactured by 5-Diagnostics and distributed by Aniara Diagnostica. Pack sizes and pricing on request. © 2026 Aniara Diagnostica, Inc.