

— FIBRINOLYSIS REAGENT · EUGLOBULIN FRACTION · PROTEINS & ENZYMES

Strip the inhibitors. *Read the fibrinolysis.*

5-PROTEIN Euglobulin is the euglobulin fraction precipitated from human citrated normal plasma — a lyophilized concentrate of the **drivers of clot breakdown** (fibrinogen, plasminogen and tPA) with the inhibitors (α_2 -antiplasmin, PAI-1) largely removed. It is the substrate and reference for the **euglobulin clot lysis time (ECLT)** — the classic global readout of fibrinolytic activity — and a standardized starting material for fibrinolysis research and thrombolytic-drug work.

FIBRINOLYSIS REAGENT · 5-DIAGNOSTICS

5-PROTEIN Euglobulin

Euglobulin fraction · human normal plasma

- Concentrates the **fibrinolytic drivers** — fibrinogen, plasminogen and tPA — with α_2 -antiplasmin and PAI-1 largely removed.
- Substrate / reference for the **euglobulin clot lysis time (ECLT)**, the global measure of fibrinolytic activity.
- Short lysis = **hyperfibrinolysis**; prolonged lysis = **hypofibrinolysis** (PAI-1 / tPA driven).
- Lyophilized from normal plasma** — a consistent starting material versus a fresh euglobulin prep.
- For fibrinolysis research and **thrombolytic / plasminogen-activator** drug studies.

5D-60401B · Lyophilized · RUO

2 mL

WHY A PREPARED EUGLOBULIN FRACTION

Hand-prepared fractions vary with dilution, pH and temperature. A defined **lyophilized fraction** from normal plasma gives a consistent, reproducible baseline.

With inhibitors removed, lysis time tracks the **tPA / PAI-1 balance** directly — the readout most fibrinolysis studies care about.

Reconstitute, clot and time — runs on standard turbidimetric clot-lysis systems.

— WHERE IT IS USED

Euglobulin clot lysis time (ECLT)

Global fibrinolysis screening

tPA / plasminogen-activator activity

PAI-1 / hypofibrinolysis research

Thrombolytic drug R&D

Hyperfibrinolysis studies

Overall haemostatic potential

Assay standardization

— COMPLETE THE 5-DIAGNOSTICS ENZYME BENCH

5-ENZYME Thrombin

Human — clots the euglobulin fraction to start the lysis timing (Ref. 5D-60230).

5-ENZYME Thrombin

Bovine — purified thrombin, alternative species (Ref. 5D-60237).

5-ENZYME Factor Xa

Bovine — purified FXa for coagulation & fibrinolysis work (Ref. 5D-60217).

Regulatory: 5-PROTEIN Euglobulin (5D-60401B) is a research-grade reagent — **For Research Use Only, not for use in diagnostic procedures**. It is the euglobulin fraction precipitated from human citrated normal plasma, supplied as a 2 mL lyophilized powder. **Source material is of human origin — handle as potentially infectious** and follow appropriate biosafety practice. The fraction concentrates fibrinolytic activators while removing most inhibitors; antifibrinolytic agents that partition into the discarded supernatant are not captured by the euglobulin method. The user establishes and validates assay conditions. Manufactured by 5-Diagnostics and distributed by Aniara Diagnostica. Pack sizes and pricing on request. © 2026 Aniara Diagnostica, Inc.