

## DEFICIENT PLASMAS

### Immunodepleted deficient plasmas

Fresh frozen plasmas

# t-PA/PAI-1 Immunodepleted Deficient Human Plasma



#### Associated products

a2-Antiplasmin Immunodepleted Deficient Human Plasma

Antithrombin deficient plasma immuno depleted

Antithrombin Immunodepleted Deficient Human Plasma

#### Informations

Tissue plasminogen activator (t-PA) is a serine esterase that plays a key role in the fibrinolysis system. It is present in plasma, 95% bound to PAI-1, in platelets and in some tissues. In plasma, the enzymatic activity of t-PA on plasminogen is very low, it is amplified 200 to 400 times when t-PA and plasminogen are adsorbed to fibrin.

Plasminogen activator inhibitor (PAI-1) is a glycoprotein, the primary inhibitor of t-PA and u-PA. It plays an important role in controlling excessive fibrinolysis. PAI-1 is mainly synthesized by vascular endothelial cells, as well as by other cells (hepatocyte, CML, fibroblasts, etc.). It circulates in plasma in 3 forms: an active form linked to vitronectin, a latent free form and an inactive form. By inhibiting t-PA and u-PA, PAI-1 limits the activation of plasminogen and controls the degradation of fibrinous thrombus.

| Reference      | Presentation | Format      |
|----------------|--------------|-------------|
| 6-FDPTPAPAI    | Bottle       | 1 x 100 mL  |
| 6-FDPTPAPAI-10 | Kit          | 10 x 1.0 mL |

#### Immunodepleted deficient plasma for t-PA / PAI-1 assay

Human plasma immuno-depleted of the t-PA / PAI-1 complex then buffered with 20 mM HEPES

#### Components

- 10 cryotubes x 1 mL or 100 mL vial of frozen plasma.

#### Advantages

- No bovine additives
- No reconstitution error
- No deterioration of plasmas linked to freeze-drying
- Cryotubes ready to use after thawing (4 min at 37°C).

#### Characteristics

Packaging in plastic cryotubes or in bottles of at least 100 mL.

The frozen, immuno-depleted plasmas are certified to have less than 1% for the deficient factor considered, both for the antigenic assay and for functional hemostasis.