



TECHNOZYM® t-PA-PAI-1 Complex ELISA



Informations

Tissue plasminogen activator (t-PA) is a protein involved in breaking down the blood clot. It is a serine protease found in the endothelial cells that line the blood vessels.

Like any enzyme, it converts plasminogen into plasmin, the main blood clot lysis enzyme. In order to understand how fibrinolysis is regulated in patients, it is necessary to know the circulating concentration of active t-PA, active PAI-1 and t-PA / PAI-1 complexes.

ELISA kit for the antigenic assay of the t-PA-PAI-1 complex.

The tPA-PAI-1 Complex ELISA kit allows antigenic detection of the t-PA / PAI-1 complex.



Components

- 12 breakable ELISA strips (12 x 8 wells coated with anti-t-PA monoclonal antibody)
- 2 adhesives for ELISA plate
- 1 vial x anti-PAI-1 monoclonal antibody coupled to peroxidase (POX)
- 1 vial x dilution buffer (20 mL)
- 1 vial x POX dilution buffer (12 mL)
- 1 vial x TMB chromogenic substrate (12 mL)
- 1 bottle x stop solution (15 mL)
- 1 vial x wash buffer (20 mL)
- 1 vial x t-PA / PAI-1 Complex Calibrator

Characteristics

The measurement is based on the use of a monoclonal antibody that will bind t-PA or t-PA / PAI-1 complexes at the bottom of the well. A second anti-PAI-1 monoclonal antibody coupled to peroxidase makes it possible to measure the t-PA / PAI-1 complex. Only the complexes are quantified, sensitivity from 0 to 20 ng / mL.

