

PLAT Human tPATotal Antigen ELISA Kit

Catalog No. CSI19830A Quantity: 1 plate

CSI19830B 5 Plates

Alternate Names: T-PA, TPA

Description: Tissue Plasminogen Activator (tPA/PLAT) is a secreted serine protease which converts

the proenzyme Plasminogen to Plasmin, a fibrinolytic enzyme. tPA is synthesized as a single chain which is cleaved by Plasmin to a two chain disulfide linked protein. This enzyme plays a role in cell migration and tissue remodeling. Increased enzymatic activity causes hyperfibrinolysis, which manifests as excessive bleeding; decreased activity

leads to hypofibrinolysis which can result in thrombosis or embolism.

Tissue Plasminogen Activator is a serine protease that catalyzes the activation of Plasminogen to Plasmin. Clinical studies have indicated that high tPA levels may

increase the risk for thrombosis, whereas decreased levels may cause neuronal plasticity

and degeneration.

Range: 0.1-10 ng/mL

Sample Types: Samples of Human plasma, serum, urine, cell culture media, or tissue extracts.

Sample Size: 100 µl

Kit Content: Pre-coated 96-well plate, Anti-Human tPA primary antibody, HRP-conjugated secondary

antibody, Human tPA standard, buffers, TMB.

Storage & Stability: Store kit components at 4°C. Store unopened plate and any unused microtiter strips in

the pouch with desiccant. Reconstituted standards and primary antibody may be stored at -70°C for later use. **DO NOT freeze/thaw the standards and primary antibody more than once.** All other unused kit components must be stored at 4°C. Kit should be

E-mail: info@cellsciences.com

Website: www.cellsciences.com

used no later than the expiration date.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

Toll Free: 888-769-1246

Phone: 781-828-0610

Fax: 781-828-0542