

Plat

Mouse Tissue Plasminogen Activator Activity ELISA Kit

Catalog No.	CSI19901A CSI19901B	Quantity:	1x96 tests 5x96 tests
Description:	<p>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.</p> <p>Tissue Plasminogen Activator (tPA) is a serine protease that converts Plasminogen to Plasmin in the blood fibrinolytic system. It also plays an important role in the nervous system, including the processes of neuronal migration, neurite outgrowth, and neuronal plasticity. tPA has been suggested to have a role in several neuropathological conditions such as cerebral ischemia, seizures, and demyelinating diseases.</p>		
Range:	0-10 ng/mL		
Sample Types:	Samples of Mouse plasma, serum, urine, or cell culture media.		
Sample Size:	100 µl		
Kit Content:	Pre-coated 96-well plate, Anti-Mouse tPA primary antibody, HRP-conjugated secondary antibody, Biotinylated Human PAI1, Mouse tPA activity 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 used no later than the expiration date.		

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



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