

PLAU

Mouse Active uPA Functional Assay ELISA kit

Catalog No.	CSI19903A	Quantity:	1 x 96 tests
	CSI19903B		5 x 96 tests
Description:	Mouse uPA activity assay is intended for the quantitative determination of active plasminogen activator in mouse plasma.		

Urokinase plasminogen activator is a serine protease that activates plasminogen to plasmin in the blood fibrinolytic system. It is also implicated in events related to cell invasion/migration

Functionally active uPA will bind to the biotinylated human PAI-1 coated on the microtiter plate. Only free active enzyme will react with the PAI-1 on the plate. Inactive or complexed enzyme will not be detected. After appropriate washing steps, monoclonal mouse anti-mouse uPA primary antibody binds to the captured enzyme. Excess antibody is washed away and bound monoclonal antibody is then reacted with the secondary antibody conjugated to horseradish peroxidase (HRP). TMB substrate is used for color development at 450 nm. A standard calibration curve is prepared along with the samples to be measured using dilutions of uPA.

Specificity:	Mouse
Range:	0.004-10 ng/ml
Sensitivity:	0.004 ng/ml
Cross-Reactivity:	1% Human uPA
Incubation Time:	2.5 hours
Samples:	Plasma
Sample Size:	100 µl
Reagents Included:	<ol style="list-style-type: none"> 1. 96-well microtiter strip plate coated with avidin 2. Biotinylated PAI-1 3. Anti Mouse uPA primary antibody 4. HRP conjugated secondary antibody 5. TMB substrate 6. Standards 7. Wash Buffer

Storage & Stability: All kit components must be stored at 2-4°C. Store unopened plate and any unused microtiter strips in the pouch with desiccant. Reconstituted standards and primary may be stored at -80°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 2-4°C. The kit should not be used after the expiration date.

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