



ELISA Kit for Plasminogen Activator Inhibitor 2 (PAI2)

Catalog No: tcue1625

Available Sizes
Size: 96T
Specifications
Research Area: Hematology;Reproductive science;
Species Reactivity: Rattus norvegicus (Rat)
Sample Type: Plasma
Sensitivity: The minimum detectable dose of this kit is typically less than 0.57ng/mL
Detection Range: 1.56-100ng/mL
Assay Time: 3h
Detection Method: Enzyme-linked immunosorbent assay for Antigen Detection.
Tested Application: ELISA
SwissProt: P29524

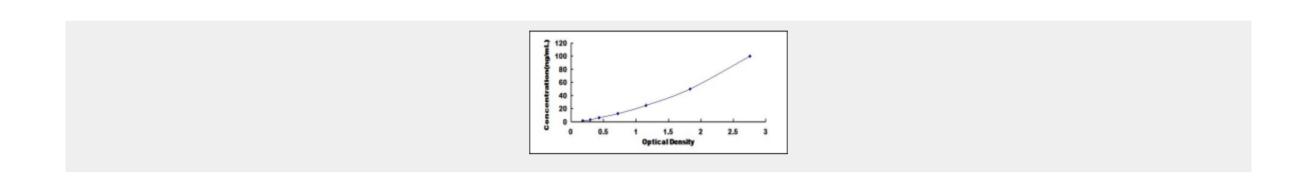
Test Principle

The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated





with an antibody specific to Plasminogen Activator Inhibitor 2 (PAI2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Plasminogen Activator Inhibitor 2 (PAI2). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Plasminogen Activator Inhibitor 2 (PAI2), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of $450 \text{nm} \pm 10 \text{nm}$. The concentration of Plasminogen Activator Inhibitor 2 (PAI2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!