

Product Datasheet

MF-Human PAI-1(Plasminogen Activator Inhibitor 1) ELISA Kit (orb1806580)

Description

MF-Human PAI-1(Plasminogen Activator


Reactivity

Human

Range

0.16-10ng/mL

Target

PAI-1

Note

For research use only

Application notes

This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human PAI-1. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody and biotinylated detection antibody specific for Human PAI-1. Then Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human PAI-1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm. The OD value is proportional to the concentration of Human PAI-1. You can calculate the concentration of Human PAI-1 in the samples by comparing the OD of the samples to the standard curve.

Sample Types

 Plasma and Other biological samples;
Sample volume: 25µL

Sensitivity

0.1 ng/mL

Expiration Date

Please enquire.