



## **ELISA Kit for A Disintegrin And Metalloproteinase With Thrombospondin 1 (ADAMTS1)**

Catalog No: tcue1833

Q9UHI8

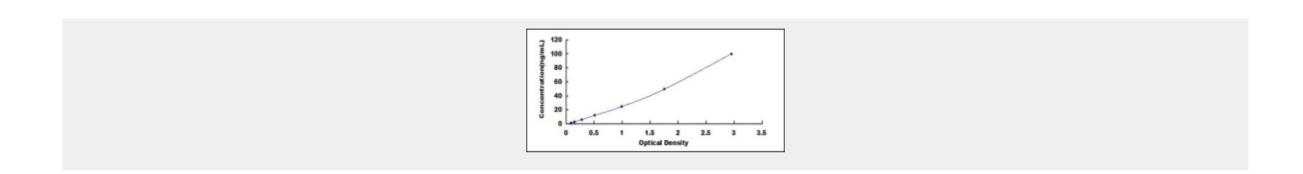
Available Sizes
Size: 96T
Specifications
Research Area: Enzyme & Kinase;Tumor immunity;Infection immunity;
Species Reactivity: Homo sapiens (Human)
Sample Type: Tissue homogenates, cell lysates and other biological fluids
Sensitivity: The minimum detectable dose of this kit is typically less than 0.56ng/mL
Detection Range: 1.56-100ng/mL
Assay Time: 3h
Detection Method: Enzyme-linked immunosorbent assay for Antigen Detection.
Tested Application: ELISA
SwissProt:





## **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 A Disintegrin And Metalloproteinase With Thrombospondin 1 (ADAMTS1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to A Disintegrin And Metalloproteinase With Thrombospondin 1 (ADAMTS1). 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 A Disintegrin And Metalloproteinase With Thrombospondin 1 (ADAMTS1), 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 A Disintegrin And Metalloproteinase With Thrombospondin 1 (ADAMTS1) 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!