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Product Datasheet

Mouse alpha2-plasmin inhibitor (alpha2-PI) ELISA Kit BYT-ORB1947080

Article Name	Mouse alpha2-plasmin inhibitor (alpha2-PI) ELISA Kit
Biozol Catalog Number	BYT-ORB1947080
Supplier Catalog Number	orb1947080
Alternative Catalog Number	BYT-ORB1947080-48,BYT-ORB1947080-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Mouse
Product Description	Mouse alpha2-plasmin inhibitor (alpha2-PI) ELISA Kit...
Range	7.82-500ng/mL
Sensitivity	4.69 ng/mL
UniProt	Q61247
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	alpha2-PI

Application Notes

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 Mouse alpha2-PI. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse alpha2-PI and 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 Mouse alpha2-PI, 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 $\pm$ 2 nm. The OD value is proportional to the concentration of Mouse alpha2-PI. You can calculate the concentration of Mouse alpha2-PI in the samples by comparing the OD of the samples to the standard curve