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Product Datasheet

Mouse Tissue Inhibitors of Metalloproteinase 4 (TIMP4) ELISA Kit BYT-ORB776383

Article Name	Mouse Tissue Inhibitors of Metalloproteinase 4 (TIMP4) ELISA Kit
Biozol Catalog Number	BYT-ORB776383
Supplier Catalog Number	orb776383
Alternative Catalog Number	BYT-ORB776383-48, BYT-ORB776383-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Mouse
Product Description	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 Tissue Inhibitors Of Metalloproteinase 4(TIMP4)....
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	26 pg/mL
UniProt	Q9JHB3
Samples	Serum, plasma and other biological fluids.

Application Notes

Application Notes: standard: 5000 pg/mL. 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 Mouse TIMP4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse TIMP4. 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 Mouse TIMP4, 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 450nm 10nm. The concentration of Mouse TIMP4 in the samples is then determined by comparing the OD of the samples to the standard curve