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Product Datasheet

Human Tissue Inhibitors of Metalloproteinase 2 (TIMP2) ELISA Kit BYT-ORB776176

Artikelname	Human Tissue Inhibitors of Metalloproteinase 2 (TIMP2) ELISA Kit
Artikelnummer	BYT-ORB776176
Hersteller Artikelnummer	orb776176
Alternativnummer	BYT-ORB776176-48, BYT-ORB776176-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Human
Produktbeschreibung	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 2(TIMP2)....
Konzentration	60 ng/mL
Detektionsbereich	0.94-60 ng/mL
Sensitivitaet	0.42 ng/mL
UniProt	P16035
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 60 ng/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 Human TIMP2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human TIMP2. 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 Human TIMP2, 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 Human TIMP2 in the samples is then determined by comparing the OD of the samples to the standard curve