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Product Datasheet

Human Bone Morphogenetic Protein 7 (BMP7) ELISA Kit BYT-ORB776499

Artikelname	Human Bone Morphogenetic Protein 7 (BMP7) ELISA Kit
Artikelnummer	BYT-ORB776499
Hersteller Artikelnummer	orb776499
Alternativnummer	BYT-ORB776499-48, BYT-ORB776499-96
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 Bone Morphogenetic Protein 7(BMP7)....
Konzentration	4000 pg/mL
Detektionsbereich	62.5-4000 pg/mL
Sensitivitaet	27.4 pg/mL
UniProt	P18075
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 4000 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 Human BMP7. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human BMP7. 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 BMP7, 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 BMP7 in the samples is then determined by comparing the OD of the samples to the standard curve