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Product Datasheet

Human Transmembrane prolyl 4-hydroxylase (P4HTM) ELISA Kit BYT-ORB1291359

Artikelname	Human Transmembrane prolyl 4-hydroxylase (P4HTM) ELISA Kit
Artikelnummer	BYT-ORB1291359
Hersteller Artikelnummer	orb1291359
Alternativnummer	BYT-ORB1291359-48, BYT-ORB1291359-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Human
Produktbeschreibung	Human P4HTM (Transmembrane prolyl 4-hydroxylase) ELISA Kit...
Konzentration	1000 pg/mL
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	5.5 pg/mL
UniProt	Q9NXG6
Proben	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung	Application Notes: standard: 1000 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 P4HTM. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human P4HTM. 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 P4HTM, 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 P4HTM in the samples is then determined by comparing the OD of the samples to the standard curve