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Product Datasheet

Human Cytochrome b (COB) ELISA Kit BYT-ORB781419

Artikelname	Human Cytochrome b (COB) ELISA Kit
Artikelnummer	BYT-ORB781419
Hersteller Artikelnummer	orb781419
Alternativnummer	BYT-ORB781419-48, BYT-ORB781419-96
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 Cytochrome b(COB)....
Konzentration	50 ng/mL
Detektionsbereich	0.79-50 ng/mL
Sensitivitaet	0.27 ng/mL
UniProt	P00156
Proben	Tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 50 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 COB. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human COB. 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 COB, 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 COB in the samples is then determined by comparing the OD of the samples to the standard curve