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Product Datasheet

Simian Beta-2-Microglobulin (BMG/b2-MG) ELISA Kit BYT-ORB782003

Artikelname	Simian Beta-2-Microglobulin (BMG/b2-MG) ELISA Kit
Artikelnummer	BYT-ORB782003
Hersteller Artikelnummer	orb782003
Alternativnummer	BYT-ORB782003-48, BYT-ORB782003-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Primate
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 Beta-2-Microglobulin(b2M)....
Konzentration	200 ng/mL
Detektionsbereich	3.13-200 ng/mL
Sensitivitaet	1.18 ng/mL
UniProt	P63064
Proben	Serum, plasma, urine and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 200 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 Simian BMG/b2-MG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian BMG/b2-MG. 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 Simian BMG/b2-MG, 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 Simian BMG/b2-MG in the samples is then determined by comparing the OD of the samples to the standard curve