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Product Datasheet

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

Article Name	Simian Beta-2-Microglobulin (BMG/b2-MG) ELISA Kit
Biozol Catalog Number	BYT-ORB782003
Supplier Catalog Number	orb782003
Alternative Catalog Number	BYT-ORB782003-48, BYT-ORB782003-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Primate
Product Description	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)....
Concentration	200 ng/mL
Range	3.13-200 ng/mL
Sensitivity	1.18 ng/mL
UniProt	P63064
Samples	Serum, plasma, urine and other biological fluids

Application Notes

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