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Product Datasheet

Human Beta-2-Microglobulin (BMG/beta2-MG) ELISA Kit BYT-ORB1807118

Article Name	Human Beta-2-Microglobulin (BMG/beta2-MG) ELISA Kit
Biozol Catalog Number	BYT-ORB1807118
Supplier Catalog Number	orb1807118
Alternative Catalog Number	BYT-ORB1807118-48,BYT-ORB1807118-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	Human Beta-2-Microglobulin (BMG/beta2-MG) ELISA Kit...
Range	31.25-2000ng/mL
Sensitivity	1.43 ng/mL
UniProt	P61769
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	BMG/b2-MG

Application Notes

Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Human BMG/beta2-MG. During the reaction, Human BMG/beta2-MG in the sample or standard competes with a fixed amount of Human BMG/beta2-MG on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human BMG/beta2-MG. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm \pm 2 nm. The concentration of Human BMG/beta2-MG in tested samples can be calculated by comparing the OD of the samples to the standard curve