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Product Datasheet

Rat BMG/b2-MG(Beta-2-Microglobulin) ELISA Kit EBT-ELK10610

Article Name	Rat BMG/b2-MG(Beta-2-Microglobulin) ELISA Kit
Biozol Catalog Number	EBT-ELK10610
Supplier Catalog Number	ELK10610
Alternative Catalog Number	EBT-ELK10610-96, EBT-ELK10610-48, EBT-ELK10610-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	20 µg/mL
Range	0.32-20 µg/mL
Sensitivity	0.11 µg/mL
UniProt	P07151
Samples	serum, plasma, urine, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Infection immunity, Kidney biomarker,. 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 Rat BMG/b2-MG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat BMG/b2-MG in the samples is then determined by comparing the OD of the samples to the standard curve