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Product Datasheet

Human BMG/b2-MG(Beta-2-Microglobulin) ELISA Kit EBT-ELK1200

Artikelname	Human BMG/b2-MG(Beta-2-Microglobulin) ELISA Kit
Artikelnummer	EBT-ELK1200
Hersteller Artikelnummer	ELK1200
Alternativnummer	EBT-ELK1200-96, EBT-ELK1200-96X5, EBT-ELK1200-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	25 ng/mL
Detektionsbereich	0.4-25 ng/mL
Sensitivitaet	0.16 ng/mL
UniProt	P61769
Proben	serum, plasma, urine and other biological fluids

Anwendungsbeschreibung

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