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Product Datasheet

Human HBg2(Hemoglobin Gamma 2) Microsample ELISA Kit EBT-ELK4962MS

Article Name	Human HBg2(Hemoglobin Gamma 2) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK4962MS
Supplier Catalog Number	ELK4962MS
Alternative Catalog Number	EBT-ELK4962MS-96, EBT-ELK4962MS-48, EBT-ELK4962MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	100 µg/mL
Range	1.57-100 µg/mL
Sensitivity	0.67 µg/mL
UniProt	P69892
Samples	Serum, plasma, erythrocyte lysates.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Hematology,. 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 HBg2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human HBg2. 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 HBg2, 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 HBg2 in the samples is then determined by comparing the OD of the samples to the standard curve