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## Product Datasheet

### Human B2-glycoprotein 1 (beta2-GP1) antibody IgA ELISA Kit EBT-ELK0937

Article Name	Human B2-glycoprotein 1 (beta2-GP1) antibody IgA ELISA Kit
Biozol Catalog Number	EBT-ELK0937
Supplier Catalog Number	ELK0937
Alternative Catalog Number	EBT-ELK0937-96, EBT-ELK0937-48, EBT-ELK0937-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	4000 pg/mL
Range	62.5-4000 pg/mL
Sensitivity	26.8 pg/mL
Samples	Serum, plasma and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Immune molecule,. 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 beta2-GP1 IgA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human beta2-GP1 IgA. 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 beta2-GP1 IgA, 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 beta2-GP1 IgA in the samples is then determined by comparing the OD of the samples to the standard curve