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Product Datasheet

Human GPBAR1(G protein-coupled bile acid receptor 1) ELISA Kit EBT-ELK0363

Article Name	Human GPBAR1(G protein-coupled bile acid receptor 1) ELISA Kit
Biozol Catalog Number	EBT-ELK0363
Supplier Catalog Number	ELK0363
Alternative Catalog Number	EBT-ELK0363-96, EBT-ELK0363-48, EBT-ELK0363-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.055 ng/mL
UniProt	Q8TDU6
Samples	Serum, plasma

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal Transduction. 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 GPBAR1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human GPBAR1. 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 GPBAR1, 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 GPBAR1 in the samples is then determined by comparing the OD of the samples to the standard curve