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Product Datasheet

Human ADP(Adiponectin) ELISA Kit EBT-ELK1233

Article Name	Human ADP(Adiponectin) ELISA Kit
Biozol Catalog Number	EBT-ELK1233
Supplier Catalog Number	ELK1233
Alternative Catalog Number	EBT-ELK1233-96, EBT-ELK1233-96X5, EBT-ELK1233-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	30 ng/mL
Range	0.47-30 ng/mL
Sensitivity	75 pg/mL
UniProt	Q15848
Samples	serum, plasma

Application Notes

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