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Product Datasheet

Rat APOC2(Apolipoprotein C2) ELISA Kit EBT-ELK10763

Article Name	Rat APOC2(Apolipoprotein C2) ELISA Kit
Biozol Catalog Number	EBT-ELK10763
Supplier Catalog Number	ELK10763
Alternative Catalog Number	EBT-ELK10763-96, EBT-ELK10763-96X5, EBT-ELK10763-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	200 ng/mL
Range	3.13-200 ng/mL
Sensitivity	1.12 ng/mL
UniProt	G3V8D4
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Cardiovascular biology, Hepatology, Nutrition metabolism, .
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 Rat APOC2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat APOC2. 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 Rat APOC2, 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 Rat APOC2 in the samples is then determined by comparing the OD of the samples to the standard curve